

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	CONFISCATION FROM COURT DORTMUND, GERMANY
RESUBMIT DOCUMENT ID:	504531514
CONVEYING PARTY DATA	
Name	Execution Date
PETER JÜRGENS	08/07/2017
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 3	
Property Type	Number
Patent Number:	9198449
PCT Number:	US2014314928
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CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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SIGNATURE:	/ULRICH BARTH/
DATE SIGNED:	10/06/2017
Total Attachments: 36	
source=Confiscation Order (Translation to English and signed by a translator)#page1.tif	
source=Confiscation Order (Translation to English and signed by a translator)#page2.tif	
source=Confiscation Order (Translation to English and signed by a translator)#page3.tif	

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Certified translation from the German language

<<Stamp with coat of arms:
Local Court of Dortmund>>

Local Court of Dortmund
Marshal distribution point

**for delivery to the debtor and the
attorney of record of the debtor
Attorney Harduin Grothe, Trift 7,
58706 Menden, ref. n° 037-17/HG/HG**

Local Court of Dortmund

<<Coat of arms>>

<<Stamp: J. HENNEMANN, Supreme Marshall

Received: **-9 AUG 2017**

DR I-II n°:240.....>>

Ref. n°: 231 M 931/17

Attachment order and transfer of garnished claim

Dortmund, 07 August 2017

Hoff
Legal auxiliary

<<Stamp with coat of arms: Local Court of Dortmund. 452.>>

Issued

<<Signature, illegible>>

Notthoff
Judicial secretary
as clerk of the court

Notification for the debtor:

In case of questions regarding the attachment order and transfer of garnished claims (regulation of debts pp.) exclusively the creditor or the creditor's attorney must be consulted, never the Local Court or the marshal.

<<illegible>> cost accounting and date stamp	Application for an attachment order and transfer of garnished claim, especially due to normal monetary claims
<p>Local Court of <u>Dortmund</u> Court competent for execution <u>Postfach 105027</u> <u>44047 Dortmund</u></p> <p>Notification: If there is no possibility to make a purposeful entry in this form, an appropriate free space can be used, as well as annexes.</p>	<p>It is requested to pass the following draft as an <input checked="" type="checkbox"/> attachment order <input checked="" type="checkbox"/> and <input checked="" type="checkbox"/> transfer of garnished claim:</p> <p><input checked="" type="checkbox"/> At the same time, it is requested to deliver the document (with the demand of § 840 Code of Civil Procedure [ZPO]). <<Handwritten: illegible>></p> <p><input type="checkbox"/> The initiative for the delivery is taken yourself.</p> <p>Per the following draft of the order, the petition is filed for <input type="checkbox"/> Addition of various earned incomes (§ 850e n° 2 ZPO) <input type="checkbox"/> Addition of earned incomes and social benefits (§ 850e n° 2a ZPO) <input type="checkbox"/> Non-consideration of dependents (§ 850c para. 4 ZPO) <input type="checkbox"/> _____</p> <p>It is requested to</p> <p><input type="checkbox"/> approve legal aid <input type="checkbox"/> be represented by the lawyer</p> <p>_____</p> <p><input type="checkbox"/> Legal aid has been approved, per annexed resolution.</p> <p>Annexes: <input checked="" type="checkbox"/> Executory title and <u>3</u> execution documents <input type="checkbox"/> Declaration of personal and material situation along with _____ supporting documents <input checked="" type="checkbox"/> Written pleading from 19 July 2017 with the denomination of the rights to be seized (patents etc.)</p> <p><input type="checkbox"/> Collection only check for court costs <input type="checkbox"/> Court fee stamping device <input type="checkbox"/> I will only print the filled-out pages</p> <p>_____ (Name of the pages) and submit them to the court.</p> <p><u>19 July 2017</u> <<Signature illegible>> Date (Signature of applicant)</p>

the creditor can demand the following imports from the debtor:		
394,177.83 €	<input checked="" type="checkbox"/> Main receivables	<input type="checkbox"/> Part of main receivables
€	<input type="checkbox"/> Residual amount from main receivables	
€	<input type="checkbox"/> Additionally, __% interest thereof/of _____Euro from _____ <input type="checkbox"/> until _____	
€	<input checked="" type="checkbox"/> Additionally, interest of <input checked="" type="checkbox"/> 5 percentage points <input type="checkbox"/> 2.5 percentage points <input type="checkbox"/> 8 percentage points <input type="checkbox"/> _____percentage points above the respective base rate thereof/of _____Euro from <u>01 January 2011</u> <input type="checkbox"/> until _____	
€	<input type="checkbox"/> Late payment fines as per § 193 paragraph 6 sentence 2 Versicherungsvertragsgesetz [Insurance Contract Act]	
€	<input type="checkbox"/> Titled pre-trial costs <input type="checkbox"/> Switching costs	
€	<input type="checkbox"/> Costs of the default summons/enforcement order	
€	<input type="checkbox"/> Costs fixed	
€	<input type="checkbox"/> Additionally, <input type="checkbox"/> 4 % interest <input type="checkbox"/> __% interest thereof/of _____Euro from _____ <input type="checkbox"/> until _____	
€	<input type="checkbox"/> Additionally, interest of <input type="checkbox"/> 5 <input type="checkbox"/> _____ percentage points above the respective base rate thereof/of _____Euro from _____ <input type="checkbox"/> until _____	
€	<input type="checkbox"/> Enforcement costs so far	
394,177.83 €	Total I	
€ (if entry is possible)	<input type="checkbox"/> in accordance with annex(es) _____ (permitted, if the required details in this form cannot be filled in or cannot be filled in completely)	
394,177.83 € (if entry is possible)	Total II (from Total I and annex(es))	
Due to the mentioned claims and the costs of the present resolution (see cost accounting) and due to the delivery costs for the present resolution, the following alleged receivable(s) of the debtor towards the third-party debtor – including the amounts that will be due in future – will be garnished until the creditor's right is covered.		
Third-party debtor (exact denomination of the third-party debtor: Company or first and surname, person(s) authorized to represent, with the respective address; P.O. box details are not permitted; in case of more than one third-party debtor, an allocation of the third-party debtor to the receivable(s) to be garnished must be carried out) Mr./Ms./Company _____ _____ _____ _____ _____ _____		

Receivables from claim	
<input type="checkbox"/>	A (to employer)
<input type="checkbox"/>	B (to Employment Agency or insurance provider) Type of social security benefits: _____ Account/insurance number: _____
<input type="checkbox"/>	C (to the tax office)
<input type="checkbox"/>	D (to banks)
<input type="checkbox"/>	E (to insurance companies) Account/insurance number: _____
<input type="checkbox"/>	F (to savings and loan association)
<input type="checkbox"/>	G
<input checked="" type="checkbox"/>	according to special annex(es) 1 _____

Claim A (to employer)	
1.	for payment of the whole current and future earned income (incl. the monetary value of benefits in kind)
2.	for payment of the amount refunded that must be compensated as overpayment, respectively, from the annual tax declaration and the annual church tax declaration for the calendar year _____ and all following calendar years
3.	for _____ _____ _____

Claim B (to Employment Agency or insurance provider)	
for payment of the financial allowances legally conceded, according to the social security statute book, currently and in future.	
The type of social security benefits is mentioned above.	

Claim A and B

The regulations of §§ 850 et seq. ZPO applying to the garnishment of earned income must be considered in combination with the table to § 850c para. 3 ZPO in their valid version, respectively.

Claim C (to the tax office)	
for payment	
1.	of the amount refunded that must be compensated as overpayment or the surplus that results as amount refunded when calculating the benefits counted towards the income tax (in addition to the Solidaritätszuschlag [solidarity surcharge] and church tax, as well as corporate tax for the previous calendar year of _____ and all previous calendar years.
2.	of the amount refunded that results from the refund claim of an overpayment of vehicle tax for the vehicle with the license number _____ Reason for refund: _____

Claim D (to banks)

1. for payment of credit in favor of the debtor on all their checking accounts, (especially their account _____) with this bank, incl. claims for credit of the amounts they receive; the putative (current and future) claim of receivables of the debtor towards the third-party debtor for payment of an agreed overdraft facility ("open credit line"), as long as the debtor claims the facility.
2. of payment of the credit and interest accumulated until the payment day, as well as timely or premature cancellation of their savings account and/or fixed-term deposit account, especially from account _____
3. for payment of the loan proceeds prepared and still not claimed, resulting from a lending business, if these are not claims for a specific purpose
4. for payment from the contra account belonging to the securities account, especially from account _____, where the interest credits for the fixed-interest securities have been entered
5. for access to the safe deposit box n° _____ and for participation of the third-party debtor in opening the safe deposit box or the third-party debtor opening the safe deposit box on their own to extract the content
6. for _____

Notifications to claim D:

The third-party debtor is hereby advised of § 835 para. 3 sentence 2 ZPO (payment moratorium of four weeks) and § 835 para. 4 ZPO.

Since 01 January 2012, garnishment protection for account credits and clearance protection for social security benefits and for child benefits are only conceded for garnishment protection accounts as per § 850k ZPO.

Claim E (to insurance companies)

1. for payment of the insurance amount, the benefit proportions and the repurchase value from the life insurance(s) that was/were taken out with the third-party debtor
2. for the right to appoint someone to receive the insurance amount in case of death or the right to appoint another person instead of the one intended by the debtor
3. for the right to cancel the life/pension insurance contract, for the right to change the life/pension insurance into an insurance free of premium, as well as the right to be handed out the insurance policy

Claims from life insurances only taken out for the death of the insurance holder, are excluded from garnishment, if the insurance amount does not exceed the amount mentioned in § 850b para. 1 n° 4 ZPO in the respective version.

Claim F (savings and loan associations)

for the savings and loan contract n° _____ concluded over a savings and loan amount of (approximately) _____ Euros
special claim for

1. payment of the savings and loan credit after assignment
2. payment of the savings after payment of the total savings and loan amount
3. refund of the savings after termination
4. the right of termination itself and the right to change the contract
5. for

Claim G

(Notification: applies to claim towards further third-party debtors or third-party debtors already mentioned, if there is insufficient space)

Calculation of the net income to be garnished

(applies to claim A and B)

The following amounts are excluded from garnishment:

1. Amounts that must be paid to perform the legal duties of the debtor, directly due to tax or social security laws, and, furthermore, the amounts due within the period of payment, which are paid by the debtor for re-insurance in accordance with the social security laws, or which are paid to another supplementary insurance or to a company offering private health insurance services, as long as these amounts do not exceed the usual scope.
2. Financial recompenses, living expenses and other social payments for foreign occupations, remuneration for self-imposed working material, hazard and dirty-work bonuses and hardship allowances, as long as they do not exceed the usual scope.
3. half the amount of the parts of the earned income paid for the service of overtime hours
4. the benefits apart from the earned income, granted during a period off, allowances due to a special company event and loyalty bonuses, if they do not exceed the usual scope;
5. Christmas payments up to half the amount of the monthly earned income, however, not more than the maximum amount mentioned in § 850a n° 4 ZPO in the respective version.
6. Marriage and birth grants, if they are conceded due to other rights than those arising from marriage or birth
7. Child benefits, study grants and similar benefits;
8. Death benefits and annuities from working and service relationships
9. Blind person's allowances;
10. Cash payments for children, such as social security benefits paid for the compensation of non-material damage.

☐ **It is ordered to** sum up the following points in order to calculate the part of the total income to be garnished as per §850c ZPO

☐ earned income with third-party debtor (concrete denomination) _____ and

☐ earned income with third-party debtor (concrete denomination) _____

The unseizable basic amount must be inferred from the income of the debtor with third-party debtor (concrete denomination)

because this income constitutes the substantial basis of the debtor's maintenance.

☐ **It is ordered to** sum up the following points in order to calculate the part of the total income to be garnished as per §850c ZPO

☐ ongoing payments as per social law from third-party debtor (concrete denomination of type of payment and third-party debtor) _____ and

☐ earned income with third-party debtor (concrete denomination) _____

The unseizable basic amount must be inferred from the ongoing payments as per social law. Claims for child benefits can only be added to the earned income, if they can be garnished as per § 76 EStG [income tax law] or § 54 para. 5 of the first book of the Sozialgesetzbuch (SGB I) [social law].

☐ As per § 850c para. 4 ZPO it is **ordered** that

☐ the spouse ☐ the life partner ☐ the child/children

☐ must not ☐ must partly

be considered as dependents when calculating the unseizable part of the income.

(Reasons for amount and type of own income)

To be filled out by the court

(if a dependent must only be considered partly):

After determination of the amount seizable as per the diagram in § 850c para. 3 ZPO, the debtor's maintenance obligation towards _____ will not be considered. Therefore, the amount seizable must exclusively be determined taking into consideration the other maintenance payments of the debtor.

Due to their partial legal maintenance obligation, the amount unseizable of the working income of the debtor must be increased

_____ by a further
☐ _____ € monthly
☐ _____ € weekly
☐ _____ € daily.

However, the other part of the earned income left to the debtor must not exceed the amount that would have to remain after totally considering the mentioned dependent in accordance with the diagram in § 850c para. 3 ZPO.

☐ **It is ordered that**

- ☐ the debtor must submit the payroll or the earnings certificate, incl. the corresponding certificates of the last three months before delivery of the attachment order and transfer of garnished claim to the creditor
- ☐ the debtor must submit the savings account related to the savings credit (or the savings document) to the creditor and that the latter must immediately submit the savings account (or the savings document) to the third-party debtor
- ☐ for the garnishment of the content, a marshal hired by the creditor must access the locker
- ☐ the debtor must hand in the insurance policy to the creditor and the latter must submit it immediately to the third-party debtor
- ☐ the debtor must submit the savings and loan document and the last account statement to the creditor, who must submit the documents immediately to the third-party debtor
- ☐

☐ **Other orders:**

The third-party debtor is not allowed to pay the debtor any more, if the receivables have been garnished. Insofar, the debtor must not make decisions about the receivables and especially must not collect them.

☐ **At the same time, the creditor is**

☐ **transferred for collection** ☐ is transferred instead of payment

the receivables mentioned above in the amount of the garnished sum.

☒ The seized claims result from the document dt. 19 July 2017, there B), attached as annex 1.

<<Handwritten: By the present resolution, only the garnishment of the mentioned claims is stated.
The decision over the requested recovery option (see p. 19 in the annex) as per §§ 844, 857 para. 4
and 5 ZPO will be suspended temporarily.>>

Executed:

<<Stamp: 07 Aug. 2017>>

<<Signature illegible>>

(Date,
signature judicial officer)

(Date,
Signature of the clerk of the office)

I.	Court costs	
	Fee as per GKG [law for court costs] KV [cost index] n° 2111	<u>20.00 €</u>
II.	Attorney fees as per RVG [attorney remuneration law]	
	Object value: <u>394,177.83 €</u>	
	1. Procedural fee	
	VV [procedural regulation] n° 3309, if applicable, compared to n° 1008	<u>855.90 €</u>
	2. Disbursement lump sum	
	VV n° 7002	<u>20.00 €</u>
	3. VAT tax	
	VV n° 7008	<u>166.42 €</u>
	Total from II.	<u>1,042.32 €</u>
Total from I. and II.:		<u>1,062.32 €</u>
<input type="checkbox"/> Collection costs as per § 4 para. 4 RDGEG [introductory law to the law for legal services] according to attachment(s) _____		

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AUTOMOTIVE LAW
Attorney Ulrich Barth
MBA in Financial Services (Wales)

Rechtsanwalt Ulrich Barth – Friederichstraße 171 – D-10117 Berlin

<<Handwritten: Annex 1>>

Amtsgericht Dortmund
– Vollstreckungsgericht –
Postfach 105027
44029 Dortmund

Ref: 279-2017
Person responsible: Attorney Ulrich Barth
Field of reference:
Phone: +49 (0)30 303660514
Fax: +49 (0)30 303660515
E-mail: info@justifico.com
Internet: www.justifico.com

Post

Date: 21 July 2017

231 M 0454/17

Petition for attachment order and transfer of garnished claim

I hereby state that I will represent

Mr. Peter JÜRGENS,
Kückshauser Str. 76, 44265 Dortmund,

in the above-mentioned issue.

– Creditor –

In the name and on request of the creditor I request to pass the attachment and transfer order attached, and to deliver this to the debtor. Three (3) copies have been enclosed, the original title has already been submitted to the court of execution. The further advance payment on court fees of 20.00 € was paid.

A) The creditor makes further claims towards the debtor. The attachment and transfer order requested in this letter, therefore, does not constitute a waiver of the later assertion of the other claims from the creditor.

B) Due to claims mentioned in the enclosed petition of passing an attachment and transfer order dt. 19 July 2017, the ongoing interest; the attorney and court costs for this order, the costs, disbursements and fees, <<crossed out>>,

Page 1 of 20

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Postbank Nürnberg
Sort code 7601 0085
Account 183 271 854
Borrowed money account
on request

VAT n° DE812776975
IBAN <<illegible>>
BIC PBNKDEFF

<<Stamp: Certified. Attorney.
<Signature, illegible>>

PATENT
REEL: 043860 FRAME: 0329

<<crossed out>>,

<<Handwritten: crossed out <signature illegible> >>

<<Stamp: **07 Aug. 2017**>>

as well as due to the delivery costs for this order, the following objects will be garnished:

1. The putative right of the debtor as a co-inventor of the patent for the method (**invention**) still to be registered globally, incl. the right of the creditor together with the co-inventor Andreas Freiherr von Tautphoeus to register globally:

a. Method and unit for the preparation of sunflower extraction meal

Brief description:

By means of a method to prepare sunflower extraction meal under production of a fraction of it that has a low protein level for the use as combustible, with a fraction of a higher protein level for the use as animal feed, wherein the extraction meal is added to several solution and sifting steps, an optimal separation of sunflower extraction meal into at least one fraction with a high protein content and at least one fraction with a high cellulose content is to be created. This is accomplished by at least two protein separation steps, preferably by means of corrugated rollers or hammer mills with subsequent sifting by sieving and collecting of the sieved material and the remaining coarse-grade material.

<<figure>>

Page 3 of 20

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<<Stamp: Certified. Attorney.
<Signature, illegible>.>>

PATENT
REEL: 043860 FRAME: 0331

The invention is based on a method and unit to prepare sunflower extraction meal of the generic group mentioned in claims 1 and 10.

There are a couple of methods to separate the extraction meal gained that way into a fraction with protein and one with low protein, e.g., of cereals or legumes, e.g., after the extraction of oils, either regarding the extraction of the respective fractions as animal feed or as combustible in pelletized form.

From WO 02/080699 A2 (EP 1 372 409), a method and unit for the preparation of such an extraction meal from sunflower seed is already known for animal feed. After reduction and sieving steps, a separation by means of an air separator is performed, wherein the first fraction is supposed to contain a higher proportion of raw protein than the second fraction. The resulting raw fibers can be solubilized by a caustic solution method with the purpose of increasing their digestibility or their energy value.

In EP 2 163 159 A1, a method for recycling oil plants is described, which are partly prepared in order to recycle them energetically – as a combustible to produce electricity and useful heat.

A protein enrichment with cereals, especially cereals and legumes, is described in EP 0 919 294 A1, wherein, by means of grinding, a fraction rich and another one low in protein <<text ends>>

A method to extract the components of pea flour is described in US 2004/0091600 A1, wherein a partial separation takes place by introducing meal into water.

The above-named methods are not satisfactory regarding their protein yield or the respective purity of the fractions, and sometimes come along with very complex production processes.

The purpose of the invention is to create a method and unit, by means of which it is possible to achieve an optimal separation of sunflower extraction meal into at least one fraction with a high protein content and at least one fraction with a high cellulose content.

By a similar method to the one mentioned above, this task is solved according to the invention, following the method steps mentioned below:

- at least two protein separation steps by means of corrugated rollers or hammer mills with subsequent sifting by sieving,
- collection of the sieved material and the remaining coarse-grade material.

This method according to the invention has proved to be a suitable method to achieve a protein content in the fraction richer in protein, which exceeds 40 % by weight, while the "combustible fraction" can present a proportion of protein of less than 12 % by weight.

It must be pointed out that % by weight are understood as the weight proportion in per cent in relation to the dry matter.

The task mentioned above is solved by means of a unit characterized by a first drying unit for the source material, a clod crusher for the treatment of the source material, at least two corrugated rollers or hammer mills for the separation of proteins, at least two plan sifters for sieving the material, as well as extraction and collection installations for the respective sifting product and the respective medium-grade or coarse-grade material, as well as at least one installation for pelletizing at least one extracted fraction.

Further embodiments of the invention result from the subordinate claims. If, e.g., larger pre-material quantities are delivered from the oil mills, so that an intermediate storage of the pre-material becomes necessary, the invention requires to carry out a drying process of the source material before the first protein separation step is executed, and, if necessary, to crash the clods in the source material.

According to the invention, it may be provided, e.g. after a protein separation step by sifting, that the protein containing fractions are removed, a medium-grade fraction is added to the next protein separation step and a combustible fraction is removed.

If, e.g., plan sifters are applied as separation installations, as it is intended by the invention, these will be provided appropriately with two sieves in such a way that a fraction remains on the upper sieve with the greater mesh width that must be allocated to the fraction low in protein, and, a medium-grade fraction on the second sieve, which is subsequently further treated, while the particles falling through the second sieve are allocated to the fraction rich in protein.

In one embodiment, the invention intends the fractions produced in the pre-steps and in the last step being brought together and, if necessary, being submitted to a pelletizing step.

This embodiment makes it possible to extract the respective products from each treatment step, if they are not further treated, and, if necessary, to make them suitable for pelletizing. This way, the fraction very low in protein can be processed to combustible pellets. The fraction rich in protein can be pelletized correspondingly, in order to provide the consumer with feed pellets.

It can be appropriate to carry out a first sifting as pre-sieving with a plan sifter with a mesh width of 200 to 500 μm after drying the source material and/or to carry out further siftings after the corresponding protein separation steps with plan sifters with a first mesh width of 400 to 1000 μm and a second mesh width of 200 to 400 μm , wherein mesh widths becoming smaller from sifting step to sifting step may be intended, too.

To obtain a last separation of the remaining particles in the unit, the application of a plan sifting with three mesh widths of 800, 500 and 200 μm can be intended for the last sifting step.

To make a continuous workflow possible in practice, it may also be intended to first add the pre-material coming from oil mills to a dryer and, subsequently, to a cooling device. Such a measure can be especially useful when the pre-material coming from oil mills cannot be injected directly into the processing chain, but must be intermediately stored.

Further characteristics, details and advantages of the invention can be taken from the following description, as well as from the drawing. It shows a flowchart of the method according to the invention in the only figure.

The sunflower extraction meal source material originating from the oil mills, e.g., is added to the method in 1 and is supposed to discharge at least part of it into an intermediate storage 2, and dried in 3 in a drying facility. The material to be processed is added to a first sieving step 5 as per arrow 4, wherein the fine-grained proportion, i.e. the fraction rich in protein, is transferred outward in 6. The coarse-grade part is added to a first solution step as per arrow 7, e.g., with a corrugated roller. This first solution step is marked with 8. Here, e.g., an impact mill can be applied, too.

The material processed this way is added to a second sifter or separator 10 as per arrow 9, wherein the coarse-grade material is transferred outward as per arrow 11, the intermediate material is added to the next solution step 8a as per arrow 7a, while the fine material is transferred outward as per arrow 6a.

The following treatment steps are similar in their structure. In the next step, the material leaving solution step n° 8a is added to a further sifter 10a, the coarse-grade material is transferred outward as per arrow 11a and the fine material is led to the rest of the fine material as per arrow 6b. The "medium-grade material" extracted from the lower sieve is directed to a further solution step 8b, the coarse-grade material is led outward as per arrow 11b and the material rich in protein is collected as per arrow 6c.

As indicated, the intermediate material from the last step can be unified with the coarse-grade material from the previous steps in the last step, and directed to a pelletizing unit 12. The material rich in protein, too, separated as per the arrows 6, 6a, 6b and 6c, can be directed to a pelletizing unit 13 or granulation unit, depending on the application, of course, it can also be moved as a powder to be used further without having been pelletized before.

The dotted arrow 14 indicates that the number of treatment steps shown here can still be increased, wherein correspondingly adapted sieve units with sieves of different mesh sizes can be used.

Instead of the corrugated rollers that cause one solution step, other types of rollers or treatment steps at the respective location can also be intended, wherein even gradually different feed-in types of the sunflower extraction meal to be treated, can be intended.

Reference numbers of the above drawing:

- 1 Method
- 2 Intermediate storage
- 3 Drying unit
- 4 Arrow
- 5 First sieve step
- 6 Arrow fine material
- 6a Arrow fine material
- 6b Arrow fine material
- 6c Arrow fine material
- 7 Arrow intermediate material
- 7a Arrow intermediate material
- 7b Arrow intermediate material
- 8 First solution step
- 8a Solution step

8b Solution step
9 Arrow
10 Sifter
10a Sifter
10b Plan sifter
11 Arrow coarse-grade material
11a Arrow coarse-grade material
11b Arrow coarse-grade material
12 Pelletizing unit
13 Pelletizing unit
14 Further treatment steps

b. Preparation of sunflower extraction meal

Brief description:

The invention is addressed to a method and unit for the preparation of sunflower extraction meal of the generic group mentioned in claim 1.

From EP 1 372 409 B, a method and unit for the preparation of such an extraction meal from sunflower seed is already known for animal feed, wherein two fractions of meal components are intended to be produced by reduction and sifting steps and an air separation, wherein one fraction has a higher protein level than the other fraction in order to feed different animals with the respective fractions as animal feed or admixture to it. Thereby, the fraction with the high raw protein level is suitable for monogastrics and the fraction with the lower raw protein level for polygastrics (ruminants), whose stomachs have enzymes to separate cellulose, which is not the case with vertebrates with one-part stomachs.

As it turns out, the method as per the generic printing does not lead to satisfying results, also, among other things, in terms of the economic evaluation of such a separation.

This is the starting point of the invention, whose target it is to prepare the sunflower extraction meal resulting from the production of sunflower oil in such a way that it can be recycled in many ways and especially in a sensible way.

By means of a method as described in the beginning, this task can be solved as per the invention by the characteristics of the principal claim.

By means of this invention, it is possible to obtain the results of the separation into fractions that can be recycled in an economically very profitable way, as the proteins in the cellulose-containing fiber material can be better gained by impact mills and/or corrugated rollers, which is an essential point of the invention, as is the separation of the plant skins (fibers) and proteins by water separation.

To achieve a fraction of fine particles containing a high to very high protein content and another fraction containing a high to very high cellulose content, so that it is possible to produce low-emission pellets for combustion, i.e., for energy generation, is an advantage of the invention.

The invention also provides a unit to execute the method according to one of the previous claims, characterized by at least two impact mills and/or grinding plants with corrugated rollers, a water separation unit, such as a water separator, drying units, silos for the extraction meal and the produced products, as well as corresponding conveying units between the unit elements and, in relation to embodiments, by a pellet production unit.

Embodiments of the invention result from the subordinate claims. These can provide at least two reduction steps in an impact mill and/or corrugated rollers with subsequent sifting, wherein the invention is not limited to this number of reduction steps.

By means of the method described in the generic state of the art it is not possible to produce fractions with high protein content and fractions with low protein content, as by this grinding method the proteins will keep sticking to the cellulose particles to a high degree.

The invention also intends to submit the corresponding mixture to an impact of 5 to 30 seconds. By this method, it is possible to gain an optimal preparation.

In the embodiment, a separation of the plant skins (fibers) and proteins by inserting them into a water separator or similar and extracting the floating parts and the settling parts is intended. Here, a good separation is possible, as the small particles rich in proteins can settle in such a bath, while the particles rich in cellulose float to the surface and can be removed that way.

In a further embodiment, it is intended to carry out another reduction in an impact mill or corrugated roller before inserting the residual material into a water separator, a water bath, a sprinkler or similar.

A modified version of the protein separation from the woody elements consists of sprinkling the remaining coarse-grade elements after at least one reduction and sifting step and, after a dwelling time for the proteins to swell, separating the proteins by squeezing and/or rolling them by squeezing in order to separate them from the woody elements.

According to the invention, a drying step can be intended for the produced fractions from plant parts and proteins, as well as, if applicable, a separation step by wind sifting. The invention is described in detail with examples by a drawing in the patent specification. We will refer to that.

<<Figure>>

Described in a simplified way, the unit in the patent specification referred to as 1 is formed by several parts, namely, e.g., a stock silo 2 for the source product, some impact mills marked with 3, sifting installations 4, a water separator 5, a drying installation 6, a wind sifter 7, as well as an installation 8 for the production of combustible pellets 9.

The fractions rich in proteins extracted from the sifters, respectively, are collected, which is marked by the silos 10. Here, other collection points can also be intended. As can be inferred from the figure, the extraction meal coming from the silo 2 is inserted into a first impact mill 3, prepared there for up to 30 seconds and inserted into a first sifting installation 4. The sifting mesh size is less than 500 µm, preferably between 200 and 300 µm. The sifted fraction is removed (arrow 11) and stored in a first silo 10 shown in the illustrated example.

The coarse-grain particles from the first sifting 4 are inserted into an impact mill 3a and into a sifting installation 4a again, after being treated appropriately, wherein the fine product is inserted into a silo 10a again.

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Postbank Nürnberg
Sort code 7601 0085
Account 183 271 854
Borrowed money account
on request

VAT n° DE812776975
IBAN <<illegible>>
BIC PBNKDEFF

<<Stamp: Certified. Attorney.
<Signature, illegible>>

Subsequently, the coarse-grain particles are directed into a further impact mill 3b. The product then manufactured, is finally inserted into a water separator 5. The fraction rich in cellulose 12 floats to the surface, while the fine parts rich in protein settle in the water separator, which is indicated by small dots and marked with 13.

Both fractions 12 and 13 are dried, which is indicated by a fan 6 in the figures, the floating wet fraction as per arrow 14, the settled wet fraction as per arrow 15, wherein the latter is inserted into a receptacle 10b after drying.

The dried, floating wet fraction is directed over a wind sifter 7 again after leaving the drying unit, wherein the resulting fine material is collected, illustrated by an indicated silo 10c in the figures.

Behind the wind sifter, there is another pellet production unit, e.g., a press 8, which produces combustible pellets 9 from the dried coarse-grain material which can afterwards be burned, e.g., in an energy generation plant.

The fine product rich in protein is taken from the silos 10 for further usage, e.g., as an additive for animal feed.

Figure 2 in the patent specification shows a slightly modified embodiment example of the invention, wherein elements that are identical in their function are marked with the same reference numbers as in the unit as per figure 1 of the patent specification.

Other than in the embodiment example of figure 1, so-called corrugated rolls 16, 16b are intended in order to grind the meal. After leaving the last roller mill 16b, the ground components are transported by means of a conveyor belt 17 and are moistened by a sprinkler 18 at the beginning of the belt.

It has shown that especially the protein components inflate very strongly, so that they can be subsequently sheared off from the plant fibers by a squeezing sift, or, as shown in figure 2, by

squeegees 19, and thrown into a silo 10 as per arrow 20. The scraper bars of the squeegees are marked with 21.

The invention is not restricted to the illustrated number of the respective treatment steps. Here, other treatments by grinding units or impact mills or corrugated rollers and corresponding silos can be intended, too, and product streams do not have to be directed in a linear way, either, rather can returns from the sifts to the upstream impact mill, be intended, among other things.

c. the recycling of which has started in the following way

(I) The debtor has presented the method to the publishing group Handelsblatt, among others, by means of the company "SFE SunFlower Energy GmbH & Co. KG", and has taken part in the competition "**Quantensprung Award 2016**" with this method. Among all participants and finalists in the year 2016, the **2nd place in the category of technology was reached**.

<<Image>>

(II) From the annexed copy of the website corresponding to "Quantensprung Award 2016", it can further be inferred that the company "SFE SunFlower Energy GmbH & Co. KG", has already installed or projected units as per the discourse of the

debtor himself and that the production start is scheduled for April 2017 at full capacity

(III) This is enough to prove the start of the exploitation.

2. that by **registration** at the

a. Deutsches Patent- und Markenamt [German Patent and Trade Mark Office]

DE10 2010 018 220.6 Processing of sunflower extraction meal

DE10 2011 116 564.2 Method and system for the processing of
sunflower extraction meal

b. European Patent Office

EP2768930 METHOD AND UNIT FOR THE PROCESSING
OF SUNFLOWER EXTRACTION MEAL

EP2560503 PROCESSING OF SUNFLOWER EXTRACTION
MEAL

c. Indian Patent Office

IN772KON2014 METHOD AND UNIT FOR THE PROCESSING
OF SUNFLOWER EXTRACTION MEAL

d. Eurasian Patent Office

EA201400485 Method and unit for the processing of sunflower
extraction meal

EA201201458 METHOD AND SYSTEM FOR PROCESSING
SUNFLOWER EXTRACTION MEAL

e. Ukrainian Patent Office

UA108880	Processing of sunflower extraction meal
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f. Patent Office of the USA

US2014314928	METHOD AND UNIT FOR PROCESSING OF SUNFLOWER EXTRACTION MEAL
US2013036661	PROCESSING OF SUNFLOWER EXTRACTION MEAL

g. Australian Patent Office

AU2012324981	Method and unit for the processing of sunflower extraction meal
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h. Brazilian Patent Office

BR112014008504	Processing of sunflower extraction meal
BR112012027138	Method and unit for the processing of sunflower extraction meal

i. Patent Office Moldova

MD20140045	Method and unit for the processing of sunflower extraction meal
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j. World Intellectual Property Organisation (WIPO)

WO2013057149	METHOD AND UNIT FOR THE PROCESSING OF SUNFLOWER-EXTRACTION MEAL
--------------	--

WO2011131218

PROCESSING OF SUNFLOWER EXTRACTION
MEAL

the resulting assumptive partial **expectant right** of the debtor over the patent for the method registered under the above-mentioned numbers,

3. that the partial patent resulting for the debtor from the registration in the patent rolls

a. Deutsches Patent- und Markenamt [German Patent and Trade Mark Office]

DE10 2010 018 220.6	Processing of sunflower extraction meal
DE10 2011 116 564.2	Method and unit for the processing of sunflower extraction meal

b. European Patent Office

EP2768930	METHOD AND UNIT FOR THE PROCESSING OF SUNFLOWER EXTRACTION MEAL
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c. Indian Patent Office

IN772KON2014	METHOD AND UNIT FOR THE PROCESSING OF SUNFLOWER EXTRACTION MEAL
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EA201400485	Method and unit for the processing of sunflower extraction meal
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US2014314928	METHOD AND UNIT FOR THE PROCESSING OF SUNFLOWER-EXTRACTION MEAL
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i. Patent Office Moldova

MD20140045	Method and unit for the processing of sunflower- extraction meal
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j. World Intellectual Property Organisation (WIPO)

WO2013057149	METHOD AND UNIT FOR THE PROCESSING OF SUNFLOWER-EXTRACTION MEAL
--------------	--

WO2011131218

PROCESSING OF SUNFLOWER EXTRACTION
MEAL

with all rights related to it,

4. that the **partial patent** already **registered** with the

a. Patent Office of the USA

US9198449

PROCESSING OF SUNFLOWER EXTRACTION
MEAL

b. Eurasian Patent Office

EA021806

METHOD AND SYSTEM FOR PROCESSING
SUNFLOWER EXTRACTION MEAL

with all rights related to it.

5. The debtor is offered to refrain from every order relating to the garnished claims, especially, the retraction of the registration and the garnished patent, especially, from its sale, pledge or concession of licenses.

At the same time, the sale of the garnished partial claim and the garnished partial patent is ordered, by public auction via the marshal to be hired by the creditor, and the exclusive concession of licenses to the creditor until the public auction has finished, permitting to concede subordinate licenses all over the world until the execution demand is satisfied by the fees for the subordinate claims.

The other inventor, Andreas Freiherr von Tautphoeus, also represented by the creditor representative, agrees with the sale of the proportionate invention of the debtor, the sale of the garnished partial claims and expectant rights of the debtor and the sale of the garnished partial patents of the debtor by public auction, as well as the concession of licenses to the extent

mentioned above to the creditor for joint selling with the co-inventor Andreas Freiherr von Tautphoeus.

6. The handing out of the patent certificates to the creditor, and of all documents related to the invention and the method, regardless of the form in which they are presented, especially, for the purpose of registration and the registration process, its complete method, marketing, marketing intents and the first units already installed or projected, which will produce at full capacity from April 2017 on as per the discourse of the debtor himself at the "Quantensprung Award 2016" from the publishing group Handelsblatt (see above), including all concluded contracts in that regard, especially, license contracts and all secondary businesses related to it, e.g., for approval methods of the units, is ordered as per § 836 para. 3 ZPO.

The co-inventor, Andreas Freiherr von Tautphoeus, also represented by the creditor representative, declares that he has no objections to the handing out of the certificates to the creditor.

<<Signature, illegible>>

Ulrich Barth, MBA in Financial Services (Wales)
Attorney

Page 20 of 20

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<<Stamp: Certified. Attorney. <Signature, illegible>.>>		<<Logo: QUANTENSPRUNG AWARD>>			
		<<Logo: From analogue to digital. <illegible>.>>		<<Logo: S.F.E. SFE Sunflower Energy>>	
		BLOG		PARTNER	
		METHOD		FINALISTS	
				ELIGIBILITY REQUIREMENTS	
				EVALUATION	
				“The Cognitron System”	
		Medippee		Pogemann	
		Project: Medippee		Project: The Cognitron System	
		The central element of the medical product is a retrofittable toilet device in the size of an aroma stone, reading different data automatically. A short acoustic signal indicates that a measurement has taken place and that data will be sent to “smart” mobile devices of the customer. Analyses and potential anomalies are visualized in user-friendly diagrams. The device can be operated by a Plug & Play function.		The procedure applying for a patent in 54 countries from SFE Sunflower Energy converts sunflower extraction meal, which is the side product of inferior quality coming from oil mills. The product is produced at the ratio of approximately 40% sunflower oil to approximately 80% meal. In the extraction phase, it is modified into three high-value products that are needed at any time in any quantity all over the world.	
		Simply insert batteries, connect and the device is ready for use. This way, it can be used with all usual toilets (deep flush) in the world. This way, Medippee digitalizes the sanitary field that has been analogue so far, and, at the same time, creates a patented enabling technology. Medippee fills a gap in the market this way and offers potential for expansion on a global and quickly growing medical technology market.		High protein carriers (50%) for farm animal feed, as a genetically unmodified alternative to soy meal. Feed admixture (15%) with high protein content of better quality and digestibility for farm animals. Energy carrier (35%) from quickly growing raw materials as an alternative to the energy generation from wood (pellets). First units are installed or projected, the production start at full capacity is scheduled for April 2017.	
		TO THE WINNER VIDEO			

JOHANNES HENNEMANN
Obergerichtsvollzieher
Am Teekamp 22
59457 Werl
Tel.: 02922/7579
Fax: 02922/909636
DRI-0240/17

Ref.: 231 M 931/17

Please, always indicate
Notice of delivery

OGV JOHANNES HENNEMANN, Am Teekamp 22, 59457 Werl
Peter Jürgens
44265 Dortmund

The delivery could not be effected due to the following reason:

- ☐ Addressee could not be found under the indicated address
☐ Addressee has moved to:
Street name and house number _____
Postal code, location _____
☐ Retransmission not possible ☐ Retransmission not required
☐ Address unknown
☐ _____

Date, signature _____

Certified copy <<crossed out>> of the related document:

Attachment order and transfer of garnished claim Dortmund, ref.:
231 M 931/17

Cost accounting (GVKostG (KV [cost index] no.))

A. Fees

1. Personal delivery	KV 100
2. Delivery by post	KV 101
3. Other deliveries	KV 600
4. Certification fee	KV 102

B. Expenses

1. Writing expenses (pages)	KV 700
2. Travelling expenses (km)	KV 711
3. Expenses	KV 716
4. Fees for other deliveries	KV 701

Total

€	
13.00	
26.80	
6.50	
3.00	
<u>4.11</u>	
53.41	

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OGV JOHANNES HENNEMANN, Am Teekamp 22, 59457 Werl
Ulrich Barth
Rechtsanwalt
Friedrichstr. 171
10117 Berlin

Submission by Deposit

Since I did not meet the Recipient (company owner/legal representative) in person at the relevant flat/<<text, illegible>> and since I was unable to deliver the document

- a) to an adult member of the family/any person employed by the family or any adult permanent cohabitant;
b) to any person employed at the business premises
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I indicated the date of delivery **on the envelope** of the document to be delivered.

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OGV JOHANNES HENNEMANN, Am Teekamp 22, 59457 Werl
Erhard Johannes Bazak
Kückshauser Str. 72-74
44265 Dortmund

<<Stamp:
Senior Marshal at
the Local Court of
Dortmund>>

44265 Dortmund, 09/08/2017 at 1.30 p.m.
<<Signature, illegible>>
(HENNEMANN)
Senior Bailiff
in Dortmund

Notice of delivery

Notice of delivery
Obergerichtsvollzieher
JOHANNES HENNEMANN
Am Teekamp 22
59457 Werl

<<Barcode>>

1.1 Reference
DRI-0240/17 * 231 M 931/17

1.2 Other references, if applicable

1.3 Addressee

Harduin Grothe
Rechtsanwalt
Trift 7
58706 Menden (Sauerland)

Retransmission within	
1.5	District of Local Court
1.6	District of Regional Court
1.7	<input checked="" type="checkbox"/> Nationally
Notifications to be considered when delivering	
1.8	No compensatory delivery
1.9	No compensatory delivery to:
1.10	Do not deliver by laying down
1.11	Deliver with indication of time

1.4 If delivery was not successful: Notice about the reason for the delivery not executed

1.4.1 Addressee could not be found under the indicated address

1.4.2 Addressee moved to:

Street name and house number

Postal code, location

1.4.3 Retransmission not possible Retransmission not required

1.4.4 Address unknown

1.4.5 Other reason:

1.4.6 Date

1.4.7 Signature

1.4.8 Post company/office: Deutsche Post AG
Delivery base

**Notice of delivery/delivery order
remitted to sender**

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Obergerichtsvollzieher
Am Teekamp 22
59457 Werl

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<<String of numbers>>

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The document with the overleaf address and reference (closed envelope), in my capacity as a

2 ☒ Postal worker Judicial secretary Marshal Authority officer

3 **was handed over by me** (4.1 to 8.3)

4.1 under the delivery address (see 1.3)

4.2 to the following location Street name, house number
(if differing from 1.3)

Postal code, location

5.1 - to the addressee (1.3) in person.

5.2 - Authorized representative 5.4 Mr./Ms. (name, first name)
(legal representative/director): ►

5.3 - the legal representative with ►
authorization in written form:

because I could not reach the addressee (1.3)/legal representative in the apartment, there:

6.1 - to an adult member of the family: ► 6.4 Mr./Ms. (name, first name)

6.2 - a person employed in the family: ►

6.3 - a permanent adult housemate: ►

7.2 Mr/Ms (name, first name)

7.1 because I could not reach the addressee (1.3)/
legal representative in the office, to an employee
there:

because I could not reach the addressee (1.3)/legal representative in the joint institution, there to:
► 8.3 Mr/Ms (name, first name)

8.1 the director of the institution: ►

8.2 a representative authorized for reception: ►

9 ☒ **I tried to deliver.** (10.1 to 12.3)

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10.1- the apartment

10.2 ☒ - the office

11.1 As the deposit in a mailbox or a similar facility was not possible, either, (10.1, 10.2)/the delivery to a joint institution (8.1 to 8.3) was not possible, the document will be deposited at the intended location, which is the following:

11.1.1 Deposit location

11.1.2 Street name, house number

11.1.3 Postal code, location

The written notice of deposit

11.2 - was handed in in the way usual for common letters, which is (type of delivery):

11.3 - was pinned to the apartment door/office door/joint institution door.

12 As the delivery was rejected by Name, first name Relationship with addressee:

I left the document

12.1 - in the apartment/the corresponding mailbox to the apartment or in a similar facility.

12.2- in the office/the corresponding mailbox to the office or in a similar facility.

12.3- I sent the document back to the sender, as there is no apartment or office available.

13 I have written down the date of delivery – if applicable, with time – on the envelope of the document.

13.1 Date

13.2 If applicable, time 13.3 Signature of the postman

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<<Signature illegible>>

13.4 Post company/office
Deutsche Post AG
Zustellstützpunkt [delivery base]

13.5 Name, first name of the postman (in block letters)
<<Stamp: Christian Allhoff>>

Authentication

I have examined the German original/photocopy/facsimile and this is a true translation of the same into English.

Barbara Wohanka, registered translator for the English language at the District Court of Landshut, Germany

Geisenhausen, 22 September 2017

