

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6187426

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MAVEL S.R.L.	04/28/2020
RECEIVING PARTY DATA	
Name:	IFP ENERGIES NOUVELLES
Street Address:	1 ET 4 AVENUE DE BOIS PRÉAU
City:	RUEIL-MALMAISON CEDEX
State/Country:	FRANCE
Postal Code:	92852
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16133073
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ATTORNEY DOCKET NUMBER:	20362-143847-US
NAME OF SUBMITTER:	DONALD E. STOUT
SIGNATURE:	/Donald E. Stout/
DATE SIGNED:	07/07/2020
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IFP Energies nouvelles
1&4 avenue Bois Préau
92500 Rueil Malmaison
FRANCE

Pont Saint Martin 28th April 2020

Object: Assignment and license of patents between MAVEL and IFPEN
Ref. IFPEN: 2020-0259

Sirs,

Reference is made to our recent discussions with the respect to the legal status of some patents and patent applications (hereinafter "PATENTIS") which are presently co-owned between our company, Mavel SA ("MAVEL") and your organization, IFP Energies nouvelles ("IFPEN").

IFPEN and MAVEL have entered into a Framework agreement (Ref. IFPEN 260385), which effective date is March 19th 2014, in order to enable performance of common projects.

Article 8.1 b of this Framework agreement allowed a share of ownership of MAVEL's patents with IFPEN. This share of ownership has been formalized within a Project application agreement (Ref. IFPEN 276.881) whose effective date is June 1st 2014.

This Framework agreement also stated that patentable joint result should be co-owned by MAVEL and IFPEN.

As a consequence of these agreements, IFPEN and MAVEL have equally shared the co-ownership of patents.

IFPEN and MAVEL wish to split their co-owned patents portfolio between them.

Consequently, IFPEN wishes to transfer its share on some patents to MAVEL and in return MAVEL wishes to transfer its share on some other patents to IFPEN.

Also MAVEL wishes to grant a right to use to IFPEN on identified patents that would be fully owned by MAVEL.

THE PARTIES AGREED AS FOLLOWS:

1. LETTER SUBJECT AND SCOPE
 - 1.1. Assignment of Patents.

By this letter (the "Letter"), IFPEN and MAVEL intend to mutually and fully assign to the other some patents that are presently co-owned as follows:

- IFPEN transfers to MAVEL its share in the ownership of the patents set out in annex 1 (hereinafter "PATENTIS 1") here to so that the full ownership of the same shall be vested with MAVEL; and
- MAVEL transfers to IFPEN its share in the ownership of the patents set out in annex 2 (hereinafter "PATENTIS 2"), here to so that the full ownership of the same shall be vested with IFPEN.

For the sake of clarity, when IFFEN transfers its share to MAVEL on the PATENTIS 1 and when MAVEL transfers its share to IFFEN on the PATENTIS 2, IFFEN for the PATENTIS 1 and MAVEL for the PATENTIS 2 will be defined as ASSIGNOR.

Symmetrically, when IFFEN is granted the share of MAVEL on the PATENT 2 and when MAVEL is granted the share of IFFEN on the PATENT 1, IFFEN for the PATENTIS 2 and MAVEL for the PATENTIS 1 will be defined as ASSIGNEE.

1.2. Grant of right of use to IFFEN

By this letter, MAVEL grants a right of use to IFFEN, on the patents set out in Annex 3 (hereinafter "PATENTIS 3").

2. CROSS PATENT ASSIGNMENT FROM ASSIGNOR to ASSIGNEE

2.1. Assignment of PATENTIS 1 and PATENTIS 2

By this letter, the ASSIGNOR hereby assigns and transfers to the ASSIGNEE, without exception nor reservations, at its own risks, its share of its rights on the assigned Patents.

The assignment of PATENTIS 1 and PATENTIS 2 is agreed without any compensation.

The assignment of PATENTIS 1 and PATENTIS 2 applies to the territory covered by the PATENTIS 1 and PATENTIS 2 and all territories for which the PATENTIS 1 and PATENTIS 2 would be extended, for the whole period of its protection.

From the letter effective date, the ownership rights on the PATENTIS 1 and PATENTIS 2, will be :

- PATENTIS 1 : 100% MAVEL
- PATENTIS 2 : 100% IFFEN

The ASSIGNEE will become the full owner of the aforementioned rights on the assigned Patents and shall have the full and entire enjoyment thereof. ASSIGNOR also assigns to the ASSIGNEE rights of recourse on the assigned Patents for any earlier acts of infringement that are not time-banded as at the date of this assignment.

As a result of the assignment recorded hereinabove, the ASSIGNEE hereby and solely as a result hereof replace the ASSIGNOR with regard to all rights, obligations, actions and liens inherent to the Patent.

2.2. DECLARATIONS AND WARRANTIES

The ASSIGNOR guarantees being co-owner of the assigned Patents, and may freely assign its rights to the ASSIGNEE.

He represents not having granted any license, any transfer in whole or in part, any pledge nor collateral on the assigned Patents.

On the letter effective date IFFEN declares that the annuities of the PATENTIS 1 and PATENTIS 2 have been regularly paid.

The ASSIGNOR undertakes to provide the ASSIGNEE with any information and document he holds relating to the invention on which the assigned Patents are based.

The ASSIGNEE accepts the assignment "AS IS", without any other guarantee than that of the material existence of the assigned Patents, and waives all rights to any action against the ASSIGNOR concerning the assigned rights. In particular, the ASSIGNOR will not be held responsible of the European Patent grant procedure in the countries concerned and of national patent grant procedure.

As a consequence, if the PATENTIS 1 and PATENTIS 2 were declared invalid by a final decision, the ASSIGNEE may not claim any compensation to the ASSIGNOR.

Subject to the provisions of article 3 below, from the Letter effective date, the ASSIGNEE becomes the sole user, directly or indirectly, of the assigned Patents.

Each Party remains solely responsible for the remuneration of its own employees designated as inventors of the PATENTIS 1 and PATENTIS 2.

From the Letter effective date, the ASSIGNEE undertakes to bear all contributions, annuities and charges relating to the assigned Patents.

The Parties undertake to not challenge the validity of the PATENTIS 1 and PATENTIS 2.

2.3. ADMINISTRATION OF THE PATENTIS

As the ASSIGNEE becomes the sole owner of the assigned Patents in the countries concerned, IIPEN will no longer act as the Co-Ownership Manager for the PATENTIS 1 in the countries concerned.

IIPEN informs its agents that MAVEL has the ownership and the management of PATENTIS 1, and transfers to MAVEL the related documents.

2.4. RECORDAL-- POWERS

Full powers are hereby granted to the bearer of one of the originals of the Letter to proceed with the recordal of the assignment with the relevant offices.

The procedures for registering this assignment with the concerned patent Offices will be implemented by the ASSIGNEE and the costs corresponding to its registration formalities will be borne by the ASSIGNEE.

3. GRANT OF RIGHT OF USE TO IIPEN

MAVEL undertakes to grant the right of use to IIPEN for the PATENTIS 3 whatever the territory of use made by IIPEN.

In particular, this right of use by IIPEN shall be granted on the following basis :

- on a non exclusive basis,
- on a free of charge basis,
- for direct and indirect (including the right to sub-license to a third party; before exercising this right, IIPEN will have to inform MAVEL) use by IIPEN or its Affiliates
- as long as the PATENTIS 3 are valid.

4. TRANSFER AND RIGHT OF USE PRICE

The transfer of PATENTIS 1 and PATENTIS 2 and the authorization of use by IIPEN of the PATENTIS 3 are agreed and accepted free of charge by IIPEN and MAVEL.

5. EFFECTIVE DATE

The Letter takes effect from the date of the last signature by the Parties.

6. GOVERNING LAW AND JURISDICTION

This Letter shall be governed by Swiss Law, excluding the principles as to conflict of laws.

In case of difficulties arising out of or in connection with the validity, interpretation and/or performance of this Letter, the Parties agree to use their best efforts to settle amicably any dispute ..

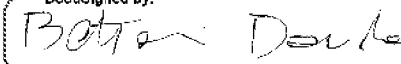
All disputes that cannot be settled amicably will be referred exclusively to Geneva competent courts.

In six (6) original copies, one (1) of which for each of the Parties, the others being used for the purposes of recording the assignment.

MAVEL and IFPEN agree to formalize their agreement on the terms of this Letter by their electronic signature .

Mavel SA

Davide Bettoni


DocuSigned by:

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28-04-2020 | 20:49 CEST

For agreement:

IFP Energies nouvelles

Gaetan MONNIER
Director of the Transport Business Unit

DocuSigned by:

71C08B18997E40F...

28-04-2020 | 17:22 CEST

Annex 1 : PATENTS 1 - LIST OF PATENTS FULLY TRANSFERRED TO MAVEL

6551 /10	MEIHO D OF MANUFACTURING A ROTOR FOR ELECTRIC MOTORS AND ASSOCIATED ROTOR	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2712061BI&KC=B1&FE=D&ND=4&date=20170201&DB=EPODOC&bo.cak=en_EP	EP2712061BI valdated IPR US9641030B2 granted 0001413452 granted Itha	BETTO NIDAVIDE
6553 /10	MEIHO D FOR MANUFACTURING ROTOR FOR ELECTRIC MOTORS AND ROTORS MANUFACTURED USING SAID METHODS	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2712481A2&KC=A2&FE=D&ND=4&date=20140402&DB=EPODOC&bo.cak=en_EP	EP2713481A2 US9680357B2 granted 0001414612 granted Itha	BETTO NIDAVIDE, BETTO IDO ANDREA
6578 /10	ELECTRIC MACHINE COMPRISING AN ALTERNATING CURRENT ELECTRIC MOTOR AND AN INVERTER	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2733935A1&KC=A1&FE=D&ND=4&date=20140604&DB=EPODOC&bo.cak=en_EP	EP2738935A1 US2014152226 A1 US10320321B2 0001414897 granted Itha	BETTO NIDAVIDE
6689 /10	ELECTRONIC DEVICES COMPRISING A PRINTED CIRCUIT BOARD	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2809135BI&KC=B1&FE=D&ND=5&date=20170719&DB=EPODOC&bo.cak=en_EP	EP2809135BI valdated DE FR GB IT US9258882B2 granted 0001417782 granted Itha	BETTO NIDAVIDE, SIRANO GIORGIO
7056 /00	MACHINE ELECTRIC TYPE PROCEDE POUR LEQUILIBRAGE D'UN AMPLIEUR ROTOR DE CETTE MACHINE ELECTRIQUE Electric machine and method for dynamic	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&FE=2&ND=4&adacentime&to.cak=en_EP&FE=D&date=20180229&CC=EP&NR=3286923A1&KC=A1	EP3286923A1 US2018166947 A1 CN206149081U granted CN107968495A FR3035552B1 granted	BIGLINO RINAIO; BETTO NIDAVIDE

	balancing of the rotor of the electric motor		JP2018514180A	
7068 /00	DESPO SUIF ELECTRONIQUE COMPRENANT UNE CARIE DE CIRCUIT IMPRIME AVEC UN REFROIDISSEMENT AMELIORE Electronic device comprising a printed circuit board with an improved cooling system	https://www.ese.space.net/publication/Data/ta/ta/b/b/ta/2/DE=EP/DOC&#2&ND=4&adjaacent=true&book=en_EP&FILE=D&date=20180411&CC=EP&NR=3305939A1&MC=A1	EP3303039A1 US2018168025 A1 CN206506764U granted FR3036917B1 granted JP2018516462A	FRANCESSETHI MARCO; CHINO DENNY; BETTONI DAVIDE
7069 /00	MACHINE ELECTRIQUE TOURNANTE AVEC UN STATOR A ENCOCHES AVEC REFROIDISSEMENT NOUVEAU TMO TEUR ELECTRIQUE Rotating electric machine with a stator with a cooled slot	https://www.ese.space.net/publication/Data/ta/ta/b/b/ta/2/DE=EP/DOC&#2&ND=4&adjaacent=true&book=en_EP&FILE=D&date=20180411&CC=EP&NR=3304699A1&MC=A1	EP3304698B1 valide d DE FR CN207098785U granted FR3036869A1	FAVREILUCA; BETTONI DAVIDE
7070 /00	MACHINE ELECTRIQUE TOURNANTE AVEC UN STATOR A ENCOCHES FERMEES ET PILLS PARTICULIEREMENT MACHINE ELECTRIQUE SYNCHRONE A RELECTANCE VARIABLE ASSISEE D'AIMANTES PERMANENTS Rotating electrical machine with a cooled slot stator and more particularly a	https://www.ese.space.net/publication/Data/ta/ta/b/b/ta/2/DE=EP/DOC&#2&ND=4&adjaacent=true&book=en_EP&FILE=D&date=20180411&CC=EP&NR=3304706A1&MC=A1	EP3304706A1 US2018159387 A1 CN207732602U granted FR3036870A1 JP2018516055A	BIGINO RINATO; BETTONI DAVIDE

	<p>synchronous reluctance motor assisted by permanent magnets</p> <p>MACHINE ELECTRIQUE TOURNANTE AVEC UN ROTOR IMBENTIES PERIES DE FLUX MAGNETIQUE, NOTAMMENT MO TEUR ELECTRIQUE</p> <p>Rotating electrical motor with a rotor that limits the magnetic losses</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&E=2&ND=4&ad=cent-time&bo=ak=en-EP&PL=D&date=20180502&CC=EP&NR=3314729A1&KC=A1</p>	<p>EP3314729A1 US2018191212 A1 CN207150278U granted FR3038155B1 granted JP2018519778A</p>	<p>FAVRE IJICA; BETTONI DAVIDE</p>
<p>7154 /00</p>	<p>SYSTEME DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE ALTERNATIVE AVEC MODULE RECOVERATEUR D'ENERGIE</p> <p>System for converting a DC electric power into an AC electric power with an energy recovery module</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&E=0&ND=5&ad=cent-time&bo=ak=en-EP&PL=D&date=20180905&CC=EP&NR=3369166A1&KC=A1</p>	<p>EP3369166A1 US10511551 granted CN106655860A granted CN206698144U FR3043284A1</p>	<p>BETTONI DAVIDE CHONO DENNY</p>
<p>7173 /00</p>	<p>SYSTEME MODULAIRE DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE TRIPHASEE</p> <p>Modular system for converting a DC electric power into</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&E=3&ND=4&ad=cent-time&bo=ak=en-EP&PL=D&date=20181003&CC=EP&NR=3381114A1&KC=A1</p>	<p>EP3381114A1 US2018351472 A1 CN106787897A CN206517316U granted FR3044184B1 granted</p>	<p>CHONO DENNY; BETTONI DAVIDE</p>

	three phase electrical power	<p>7174/00</p> <p>MODULE DE PUISSANCE POUR SYSTEME DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE TRIPHASE</p> <p>Regenerative undeland snubber circuit for half-amm of an inverter</p>	<p>https://www.ese.space.net/publication/Datails/bb/bb?DE=EP&DOC=EP&NR=32&ND=4&adja cent=me&bo ck=en EP&FP=D&date=20181003&CC=EP&NR=32113A1&MC=A1</p>	<p>EP338113A1</p> <p>US2018375426 A1</p> <p>FR3044180B1 granted</p> <p>CN106787901A</p> <p>CN206506455U granted</p>	CHINO DENNY; BETTON DAVIDE
		<p>7260/00</p> <p>MACHINE ELECTRIQUE AVEC UN ROTOR COMPRENANT UNE CAVITE POUR LEQ UTILBRAGE DYNAMIQUE DE CE ROTOR</p> <p>Electric machine with a rotor having a cavity for the dynamic balancing of the rotor</p>	<p>https://www.ese.space.net/publication/Datails/bb/bb?DE=EP&DOC=EP&NR=3455927A1&MC=A1</p>	<p>EP3455927A1</p> <p>FR3051296A1</p> <p>CN107370263A</p> <p>CN206865247U granted</p> <p>JP2019519184A</p> <p>US2019149015 A1</p> <p>IN20184704608 0</p>	FAVRE IJICA; BETTON DAVIDE
		<p>7291/00</p> <p>SYSTEME ET PROCEDE DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE ALTERNATIVE TRIPHASE AVEC MOYENS DE FILTRAGE</p> <p>System and method for converting DC power into three-phase AC power; the</p>	<p>https://www.ese.space.net/publication/Datails/bb/bb?DE=EP&DOC=EP&NR=30&ND=4&adja cent=me&bo ck=en EP&FP=D&date=20171229&CC=WO&NR=2017290447A1&MC=A1</p>	<p>EP3476034</p> <p>FR3053181B1 granted</p> <p>CN107528493A</p> <p>CN207490791U granted</p> <p>JP2019519188A</p> <p>US2019245427 A1</p> <p>IN20194700200 9</p>	FRANCESSETTI MARCO; BETTON DAVIDE

	system comprising filtering means	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&F0&ND=4&ad=centime&bo=ca&cc=FR&FE=D&date=20171223&CC=WO&NR=201720448A1&KC=A1	EP3476036 FR3053182B1 granted CN107528483A CN207150437U granted	FRANCESSETH MARC O; BETTONI DAVIDE
7292 /00	SYSTEME ET PROCEDE DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE ALTERNATIVE TRIPHASEE AVEC RADIATEUR A AIR System and method for converting DC power into three-phase AC power, the system comprising an air radiator	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&F0&ND=4&ad=centime&bo=ca&cc=FR&FE=D&date=20180419&CC=WO&NR=2018099667A2&KC=A1	WO20180996030 FR3057719A1 CN107959381A CN207098863U granted EP3526887A1 JP2019531044A	FAVRE IJCA; BETTONI DAVIDE
7380 /00	MACHINE ELECTRIQUE TOURNANTE FERMEE COMPOSITE A TUN SYSTEME DE REFROIDISSEMENT INTERNE PAR AIR Closed rotary electric machine comprising an internal air cooling system	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&F0&ND=4&ad=centime&bo=ca&cc=FR&FE=D&date=20180907&CC=WO&NR=2018099667A2&KC=A2	WO2018099667 FR3059852B1 granted CN108134485A CN207166316U EP3549241A2 IN20194701831 8	FAVRE IJCA; BETTONI DAVIDE

7426 /00	MACHINE ELECTRIQUE TOURNANTE FERMEE COMPOSITE SYSTEME DE REFROIDISSEMENT INTERNE PAR AIR DES AIMANTS DANS LE ROTOR Close rotating electrical machine comprising an internal air cooling system of the magnets in the rotor	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&FQ&ND=4&adjacent=true&bock=en EP&FI=D&date=20180802&CC=WO&NR=2018137984A1&KC=A1	WO 2018137984 FR3062253A1 CN110249509A EP3574572A1 US2019334409 A1 IN20194703328 1 JP20200505898	FAVRE ILUCA; BETTON DAVIDE
7431 /00	MACHINE ELECTRIQUE TOURNANTE AVEC UN STATOR A ENCOCHES OBIURES ET PILS PARTICULIEREMENT MACHINE ELECTRIQUE SYNCHRO RELUCTANTIE ASSIEE PAR DES AIMANTS PERMANENTS Rotating electric machine comprising a stator with sealed slots, and more particularly permanent magnet- assisted reluctance synchronous electric machine	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&FQ&ND=4&adjacent=true&bock=en EP&FI=D&date=20180830&CC=WO&NR=2018137883A1&KC=A1	WO 2018153783 FR3063398A1 CN110582925 EP3586425 IN20194703738 3 US2020059125 JP 2019-545799 (application number)	FAVRE ILUCA; BETTON DAVIDE
7440 /00	MACHINE ELECTRIQUE TOURNANTE FERMEE COMPOSITE DISPOSITIF DE REFROIDISSEMENT DES ETRES DE BOBINE DU STATOR Sealed rotary electric	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&FQ&ND=4&adjacent=true&bock=en EP&FI=D&date=20180927&CC=WO&NR=2018172018A1&KC=A1	FR3064424A1 WO 2018172018	FAVRE ILUCA; BETTON DAVIDE

	<p>machine comprising a device for cooling the stator coil winding overhangs</p> <p>MACHINE ELECTRIQUE COMPRENANT UN APPREDE ROTOR MOLETTE ET PROCÉDE DE FABRICATION D'UNE TELLE MACHINE</p> <p>Electric machine comprising a knurled rotor shaft and method for manufacturing such a machine</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&file=3&advantage=true&token=en_EP&FILED&date=20181122&CC=WO&NR=2018210561A1&KC=A1</p>	<p>FR3066657B1 granted WO 2018210561 CN110679068 IN20194705121 8 EP 3625879 US 16/614.405 (application number) JP 2019-563543 (application number)</p>	FAVREILUCA; BETTONIDAVIDE
7465 /00	<p>MACHINE ELECTRIQUE AVEC DESOUIF DE REFROIDISSEMENT CANAL PARIELLEMENT SUBDIVISE</p> <p>Electric machine with cooling device comprising a partially subdivided channel</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&file=3&advantage=true&token=en_EP&FILED&date=20190228&CC=WO&NR=201937930A1&KC=A1</p>	<p>FR3070558A1 WO 2019037930 CN 201880054574. 3 (application number) EP 18735330.5 (application number)</p>	FAVREILUCA; BETTONIDAVIDE
7529 /00	<p>GEOMETRIE DE PONTS MAGNETIQUES D'UN ROTOR DE MACHINE ELECTRIQUE</p> <p>Geometry of magnetic bridges of an electrical machine rotor</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&file=3&advantage=true&token=en_EP&FILED&date=20190321&CC=WO&NR=2019052828A1&KC=A1</p>	<p>FR3071371B1 granted WO 2019052828 EP 18762824.3 (application number) CN (application number not known)</p>	FAVREILUCA; BETTONIDAVIDE
7530	<p>ISHMES DE PONTS</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&file=3&advantage=true&token=en_EP&FILED&date=20190321&CC=WO&NR=2019052828A1&KC=A1</p>	<p>FR3071370B1</p>	FAVREILUCA;

700	MAGNETIQUES D'UN ROTOR DE MACHINE ELECTRIQUE Isthm for the magnetic bridges of an electric machine rotor	0&ND=4&adjacent=true&book=en EP&FE=D&date=20190321&CC=WO&NR=2019052862A1&KC=A1	granted WO 2019052862 EP 18765436.3 (application number) CN (application number not known)	BETTO NIDAVIDE
7643 /00	STATIOR D'UNE MACHINE ELECTRIQUE AVEC DOUBLE INSCRIPTION DE BOBINAGES DANS LES ENCOCHES	https://worldwide.espacenet.com/publicationDetails/biblio?DE=EPODOC&file=US&NR=019260253A1&KC=A1	US2019260253 A1 CN110165799A EP3528369A1 FR3078207A1 JP2019154225A IN20194400542 6A	FAVREILUCA; BETTO NIDAVIDE

Annex 2 : PATENTS FULLY TRANSFERRED TO IRPEN

7141 /00	MACHINE ELECTRIQUE TOURNANTE COMPORTANT UN ROTOR ET UN STATOR POUR LE PASSAGE D'UN FLUIDE	https://worldwide.espacenet.com/publicationDetails/biblio?DE=EPODOC&file=US&NR=353579A1&KC=A1	EP3353579A1 US2018269744 A1 CN108370190A FR3041831B1 granted JP2018528755A KR20180081705 A	FAVREILUCA; BETTO NIDAVIDE
7224 /00	DISPOSITIF DE COMPRESSION ASSISTANCE ELECTRIQUE D'UN FLUIDE DE TRAVAIL, TEL QU'UN FLUIDE LIQUIDE OU UN FLUIDE	https://worldwide.espacenet.com/publicationDetails/biblio?DE=EPODOC&file=US&NR=046022A1&KC=A1	FR3048022B1 granted	FAVREILUCA; BETTO NIDAVIDE

	<p>GAZEUX, ET TURBO COMPRESSEUR COMPRESSANT UN TEL DISPOSITIF DE COMPRESSION</p>		<p>FAVRE IJUCA; BETTONI DAVIDE</p>	
7540 /00	<p>MACHINE ELECTRIQUE COMPRESSANT UN STATOR MUNI D'UN MANCHON TUBULAIRE INTERNE Electric machine comprising a stator provided with an inner tubular sleeve for the passage of a cooling fluid</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&F=2&ND=4&adjacent=true&bock=en_EP&FL=D&date=20190320&CC=EP&NR=3457531A2&KC=A2</p>	<p>EP3457531A2 US2019089211 A1 CN109525048A FR3071369A1 KR20190032216 A JP2019054720A IN20184403411 9</p>	
7586 /00	<p>DISPOSITIF DE COMPRESSION D'UN FLUIDE ENTRAINE PAR UNE MACHINE ELECTRIQUE AVEC UN ARBRE DE ROTOR AYANT UNE FRETE AMAGNETIQUE</p>	<p>https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&F=3&ND=3&adjacent=true&bock=en_EP&FL=D&date=20190624&CC=JP&NR=2019100344A&KC=A</p>	<p>JP2019100344A CN109869224A EP3493373A1 FR3074622A1 KR20190065947 A US2019170062 A1 IN20184404522 4 JP2019100344</p>	FAVRE IJUCA

Annex 3 : PATENTS 3 -- PATIENTS ON WHICH IPEN HAS A LICENSE OF USE

6551 /10	MEIHO D OF MANUFACTURING A ROTOR FOR ELECTRIC MOTORS AND ASSOCIATED ROTOR	https://worldwide.espacenet.com/publicationDetails/biblio?C=EP&NR=2712061BI&KC=B1&FD=4&date=20170201&DB=EPODOC&bock=en_EP	EP2712061BI validated IPR US9641030B2 granted 0001413452 granted Itha	BETTON DAVIDE
6553 /10	MEIHO D FOR MANUFACTURING ROTOR FOR ELECTRIC MOTORS AND ROTORS MANUFACTURED USING SAID METHODS	https://worldwide.espacenet.com/publicationDetails/biblio?C=EP&NR=2712481A2&KC=A2&FD=D&ND=4&date=20140402&DB=EPODOC&bock=en_EP	EP2713481A2 US9680357B2 granted 0001414612 granted Itha	BETTON DAVIDE, BERTO IDO ANDREA
7465 /00	MACHINE ELECTRIQUE COMPENANT UN ARRERE ROTOR MOLETTE PROCEDE DE FABRICATION D'UNE TELE MACHINE Electric machine comprising a knurled rotor shaft and method for manufacturing such a machine	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&ND=4&adjacent=true&bock=en_EP&FD=D&date=20181122&CC=WO&NR=2013210561A1&KC=A1	FR3066657B1 granted WO2018210561 CN110679068 IN20194705121 8 EP 3625879 US 16/614.405 (application number) JP 2019-563543 (application number)	FAVRE IJICA; BETTON DAVIDE
7643 /00	STATOR D'UNE MACHINE ELECTRIQUE AVEC DOUBLE INSCRIPTION DE BOBINAGES DANS LES ENCOCCHES	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&ND=3&adjacent=true&bock=en_EP&FD=D&date=20190822&CC=US&NR=2019260253A1&KC=A1	US2019260253 A1 CN110165799A EP3528369A1 FR3078207A1 JP2019154225A IN20194400542 6A	FAVRE IJICA; BETTON DAVIDE