PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6187331

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:	15761296

CORRESPONDENCE DATA

Fax Number: (312)577-7000

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.

Phone: 2024197000
Email: twas@fitcheven.com
Correspondent Name: FITCH, EVEN, TABIN & FLANNERY LLP
Address Line 1: 1250 23RD STREET NW
Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	20362-142771-US
NAME OF SUBMITTER:	DONALD E. STOUT
SIGNATURE:	/DONALD E. STOUT/
DATE SIGNED:	07/07/2020

Total Attachments: 14
source=142771_Assgn#page1.tif
source=142771_Assgn#page2.tif
source=142771_Assgn#page3.tif
source=142771_Assgn#page4.tif
source=142771_Assgn#page5.tif
source=142771_Assgn#page6.tif

source=142771_Assgn#page7.tif
source=142771_Assgn#page8.tif
source=142771_Assgn#page9.tif
source=142771_Assgn#page10.tif
source=142771_Assgn#page11.tif
source=142771_Assgn#page12.tif
source=142771_Assgn#page13.tif
source=142771_Assgn#page14.tif

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 "PATENTS") which are presently co-owned between our company, Mavel Srl ("**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 shares 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 "PATENTS 1") hereto 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 "PATENTS 2") hereto so that the full ownership of the same shall be vested with IFPEN.

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

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

1.2. Grant of right of use to IFPEN

By this Letter, MAVEL grants a right of use to IFPEN, on the patents set out in Annex 3 (hereinafter "PATENTS 3").

2. CROSS PATENT ASSIGNMENT FROM ASSIGNOR to ASSIGNEE

2.1. Assignment of PATENTS 1 and PATENTS 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 PATENTS 1 and PATENTS 2 is agreed without any compensation.

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

From the Letter effective date, the ownership rights on the PATENTS 1 and PATENTS 2, will be :
- PATENTS 1 : 100% MAVEL
- PATENTS 2 : 100% IFPEN

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-barred 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 IFPEN declares that the annuities of the PATENTS 1 and PATENTS 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 PATENTS 1 and PATENTS 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 PATENTS 1 and PATENTS 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 PATENTS 1 and PATENTS 2.

2.3. ADMINISTRATION OF THE PATENTS

As the ASSIGNEE becomes the sole owner of the assigned Patents in the countries concerned. IFPEN will no longer act as the Co-Ownership Manager for the PATENTS 1 in the countries concerned.
IFPEN informs its agents that MAVEL has the ownership and the management of PATENTS 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 IFPEN

MAVEL undertakes to grant the right of use to IFPEN for the PATENTS 3 whatever the territory of use made by IFPEN.

In particular, this right of use by IFPEN 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, IFPEN will have to inform MAVEL) use by IFPEN or its Affiliates
- as long as the PATENTS 3 are valid.

4. TRANSFER AND RIGHT OF USE PRICE

The transfer of PATENTS 1 and PATENTS 2 and the authorization of use by IFPEN of the PATENTS 3 are agreed and accepted free of charge by IFPEN 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 Srl

Davide Bettoni

DocuSigned by:
3B38B5F418AB433...

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	METHOD OF MANUFACTURING A ROTOR FOR ELECTRIC MOTORS AND ASSOCIATED ROTOR	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2712061B1&KC=B1&FT=D&ND=4&date=20170201&DB=EPODOC&locale=en_EP	EP2712061B1 validated IT FR US9641030B2 granted 0001413452 granted Italia	BETTONI DAVIDE
6553 /10	METHOD FOR MANUFACTURING ROTORS FOR ELECTRIC MOTORS AND ROTORS MANUFACTURED USING SAID METHODS	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2713481A2&KC=A2&FT=D&ND=4&date=20140402&DB=EPODOC&locale=en_EP	EP2713481A2 US9680357B2 granted 0001414612 granted Italia	BETTONI DAVIDE; BERTOLDO ANDREA
6578 /10	ELECTRIC MACHINE COMPRISING AN ALTERNATING CURRENT ELECTRIC MOTOR AND AN INVERTER	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2738935A1&KC=A1&FT=D&ND=4&date=20140604&DB=EPODOC&locale=en_EP	EP2738935A1 US2014152226A1 US10320321B2 0001414897 granted italia	BETTONI DAVIDE
6689 /10	ELECTRONIC DEVICES COMPRISING A PRINTED CIRCUIT BOARD	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2809135B1&KC=B1&FT=D&ND=5&date=20170719&DB=EPODOC&locale=en_EP	EP2809135B1 validated DE FR GB IT US9258882B2 granted 0001417782 granted Italia	BETTONI DAVIDE; STIRANO GIORGIO
7056 /00	MACHINE ELECTRIQUE ET PROCEDE POUR L'EQUILIBRAGE DYN AMIQUE DU ROTOR DE CETTE MACHINE ELECTRIQUE Electric machine and method for dynamic	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=2&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180228&CC=EP&NR=3286823A1&KC=A1	EP3286823A1 US2018166947A1 CN206149081U granted CN107968495A FR3035552B1 granted	BIGLINO RINATO; BETTONI DAVIDE

	balancing of the rotor of the electric motor		JP2018514180A	
7068 /00	DISPOSITIF ELECTRONIQUE COMPRENANT UNE CARTE DE CIRCUIT IMPRIME AVEC UN REFROIDISSEMENT AMELIORE Electronic device comprising a printed circuit board with an improved cooling system	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=2&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180411&CC=EP&NR=3305039A1&KC=A1	EP3305039A1 US2018168025 A1 CN206506764U granted FR3036917B1 granted JP2018516462A	FRANCESSETTI MARCO; CHIONO DENNY; BETTONI DAVIDE
7069 /00	MACHINE ELECTRIQUE TOURNANTE AVEC UN STATOR A ENCOCHES AVEC REFROIDISSEMENT, NOTAMMENT MOTEUR ELECTRIQUE Rotating electric machine with a stator with a cooled slot	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180411&CC=EP&NR=3304698A1&KC=A1	EP3304698B1 validated DE, FR CN207098785U granted FR3036869A1	FAVRE LUCA; BETTONI DAVIDE
7070 /00	MACHINE ELECTRIQUE TOURNANTE AVEC UN STATOR A ENCOCHES FERMEES ET PLUS PARTICULIEREMENT MACHINE ELECTRIQUE SYNCHRONE A RELECTANCE VARIABLE ASSISTEE D'AIMANTS PERMANENTS Rotating electrical machine with a closed slot stator and more particularly a	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=2&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180411&CC=EP&NR=3304706A1&KC=A1	EP3304706A1 US2018159387 A1 CN207732602U granted FR3036870A1 JP2018516055A	BIGLINO RINATO; BETTONI DAVIDE

	synchronous reluctance motor assisted by permanent magnets			
7098 /00	MACHINE ELECTRIQUE TOURNANTE AVEC UN ROTOR LIMITANT LES PERTES DE FLUX MAGNETIQUE, NOTAMMENT MOTEUR ELECTRIQUE Rotating electrical motor with a rotor that limits the magnetic losses	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=2&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180502&CC=EP&NR=3314729A1&KC=A1	EP3314729A1 US2018191212 A1 CN207150278U granted FR3038155B1 granted JP2018519778A	FAVRE LUCA; BETTONI DAVIDE
7154 /00	SYSTEME DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE ALTERNATIVE AVEC MODULE RECUPERATEUR D'ENERGIE System for converting a DC electric power into an AC electric power with an energy recovery module	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=5&adjacent=true&locale=en_EP&FT=D&date=20180905&CC=EP&NR=3369166A1&KC=A1	EP3369166A1 US10511551 granted CN106655860A granted CN206698144U FR3043284A1	BETTONI DAVIDE; CHIONO DENNY
7173 /00	SYSTEME MODULAIRE DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE TRIPHASEE Modular system for converting a DC electrical power into-	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=3&ND=4&adjacent=true&locale=en_EP&FT=D&date=20181003&CC=EP&NR=3381114A1&KC=A1	EP3381114A1 US2018351472 A1 CN106787897A CN206517316U granted FR3044184B1 granted	CHIONO DENNY; BETTONI DAVIDE

	three phase electrical power			
7174 /00	MODULE DE PUISSANCE POUR SYSTEME DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE TRIPHASEE Regenerative undeland snubber circuit for half-arm of an inverter	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=3&ND=4&adjacent=true&locale=en_EP&FT=D&date=20181003&CC=EP&NR=3381113A1&KC=A1	EP3381113A1 US2018375426A1 FR3044180B1 granted CN106787901A CN206506455U granted	CHIONO DENNY; BETTONI DAVIDE
7260 /00	MACHINE ÉLECTRIQUE AVEC UN ROTOR COMPRENANT UNE CAVITÉ POUR L'ÉQUILIBRAGE DYNAMIQUE DE CE ROTOR Electrical machine with a rotor having a cavity for the dynamic balancing of the rotor	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=3&ND=4&adjacent=true&locale=en_EP&FT=D&date=20190320&CC=EP&NR=3455927A1&KC=A1	EP3455927A1 FR3051296A1 CN107370263A CN206865247U granted JP2019519184A US2019149015A1 IN201847046080	FAVRE LUCA; BETTONI DAVIDE
7291 /00	SYSTEME ET PROCEDE DE CONVERSION D'UNE PUISSANCE ELECTRIQUE CONTINUE EN PUISSANCE ELECTRIQUE ALTERNATIVE TRIPHASEE AVEC MOYENS DE FILTRAGE System and method for converting DC power into three-phase AC power, the	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20171228&CC=WO&NR=2017220447A1&KC=A1	EP3476034 FR3053181B1 granted CN107528493A CN207490791U granted JP2019519188A US2019245427A1 IN201947002009	FRANCESSETTI MARCO; BETTONI DAVIDE

	system comprising filtering means			
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&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20171228&CC=WO&NR=2017220448A1&KC=A1	EP3476036 FR3053182B1 granted CN107528483A CN207150437U granted	FRANCESSETTI MARCO; BETTONI DAVIDE
7352 /00	MACHINE ELECTRIQUE TOURNANTE FERMEE COMPORTANT UN SYSTEME DE REFROIDISSEMENT INTERNE PAR AIR Closed rotary electric machine comprising an internal air cooling system	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180419&CC=WO&NR=2018069030A1&KC=A1	WO2018069030 FR3057719A1 CN107959381A CN207098863U granted EP3526887A1 JP2019531044A	FAVRE LUCA; BETTONI DAVIDE
7380 /00	MACHINE ELECTRIQUE TOURNANTE INTEGRANT UN CAPTEUR DE POSITION MAGNETIQUE Rotating electrical machine including a magnetic position sensor	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180607&CC=WO&NR=2018099667A2&KC=A2	WO2018099667 FR3059852B1 granted CN108134485A CN207166316U EP3549241A2 IN201947018318	FAVRE LUCA; BETTONI DAVIDE

7426 /00	MACHINE ELECTRIQUE TOURNANTE FERMEE COMPORTANT UN SYSTEME DE REFROIDISSEMENT INTERNE PAR AIR DES AIMANTS DANS LE ROTOR Closed rotating electrical machine comprising an internal air cooling system of the magnets in the rotor	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180802&CC=WO&NR=2018137984A1&KC=A1	WO2018137984 FR3062253A1 CN110249509A EP3574572A1 US2019334409A1 IN201947033281 JP2020505898	FAVRE LUCA; BETTONI DAVIDE
7431 /00	MACHINE ELECTRIQUE TOURNANTE AVEC UN STATOR A ENCOCHES OBTUREES ET PLUS PARTICULIEREMENT MACHINE ELECTRIQUE SYNCHRO RELUCTANTE ASSISTEE PAR DES AIMANTS PERMANENTS Rotating electric machine comprising a stator with sealed slots, and more particularly permanent magnet-assisted reluctant synchronous electric machine	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180830&CC=WO&NR=2018153783A1&KC=A1	WO2018153783 FR3063398A1 CN110582925 EP3586425 IN201947037383 US2020059125 JP 2019-545799 (application number)	FAVRE LUCA; BETTONI DAVIDE
7440 /00	MACHINE ELECTRIQUE TOURNANTE FERMEE COMPORTANT UN DISPOSITIF DE REFROIDISSEMENT DES TETES DE BOBINE DU STATOR Sealed rotary electric	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180927&CC=WO&NR=2018172018A1&KC=A1	FR3064424A1 WO2018172018	FAVRE LUCA; BETTONI DAVIDE

	machine comprising a device for cooling the stator coil winding overhangs			
7465 /00	MACHINE ELECTRIQUE COMPRENANT UN ARBRE DE ROTOR MOLETTE ET PROCEDE DE FABRICATION D'UNE TELLE MACHINE Electric machine comprising a knurled rotor shaft and method for manufacturing such a machine	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20181122&CC=WO&NR=2018210561A1&KC=A1	FR3066657B1 granted WO2018210561 CN110679068 IN201947051218 EP 3625879 US 16/614.405 (application number) JP 2019-563543 (application number)	FAVRE LUCA; BETTONI DAVIDE
7523 /00	MACHINE ELECTRIQUE AVEC DISPOSITIF DE REFROIDISSEMENT COMPRENANT UN CANAL PARTIELLEMENT SUBDIVISE Electric machine with cooling device comprising a partially subdivided channel	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=3&adjacent=true&locale=en_EP&FT=D&date=20190228&CC=WO&NR=2019037930A1&KC=A1	FR3070558A1 WO2019037930 CN 201880054574.3 (application number) EP 18735330.5 (application number)	FAVRE LUCA; BETTONI DAVIDE
7529 /00	GEOMETRIE DE PONTS MAGNETIQUES D'UN ROTOR DE MACHINE ELECTRIQUE Geometry of magnetic bridges of an electrical machine rotor	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20190321&CC=WO&NR=2019052828A1&KC=A1	FR3071371B1 granted WO2019052828 EP 18762824.3 (application number) CN (application number not known)	FAVRE LUCA; BETTONI DAVIDE
7530	ISTHMES DE PONTS	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=	FR3071370B1	FAVRE LUCA;

/00	MAGNETIQUES D'UN ROTOR DE MACHINE ELECTRIQUE Isthmi for the magnetic bridges of an electric machine rotor	0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20190321&CC=WO&NR=2019052862A1&KC=A1	granted WO2019052862 EP 18765436.3 (application number) CN (application number not known)	BETTONI DAVIDE
7643 /00	STATOR D'UNE MACHINE ELECTRIQUE AVEC DOUBLE INSERTION DE BOBINAGES DANS LES ENCOCHES	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=1&ND=3&adjacent=true&locale=en_EP&FT=D&date=20190802&CC=US&NR=2019260253A1&KC=A1	US2019260253 A1 CN110165799A EP3528369A1 FR3078207A1 JP2019154225A IN201944005426A	FAVRE LUCA; BETTONI DAVIDE

Annex 2 : PATENTS 2 – LIST OF PATENTS FULLY TRANSFERRED TO IFPEN

7141 /00	MACHINE ÉLECTRIQUE TOURNANTE COMPORTANT UN ROTOR ET UN STATOR POUR LE PASSAGE D'UN FLUIDE	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=2&ND=4&adjacent=true&locale=en_EP&FT=D&date=20180801&CC=EP&NR=3353879A1&KC=A1	EP3353879A1 US2018269744 A1 CN108370190A FR3041831B1 granted JP2018528755A KR20180081705 A	FAVRE LUCA; BETTONI DAVIDE
7224 /00	DISPOSITIF DE COMPRESSION A ASSISTANCE ELECTRIQUE D'UN FLUIDE DE TRAVAIL, TEL QU'UN FLUIDE LIQUIDE OU UN FLUIDE	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20170825&CC=FR&NR=3048022A1&KC=A1	FR3048022B1 granted	FAVRE LUCA; BETTONI DAVIDE

	GAZEUX, ET TURBOCOMPRESSEUR COMPRENANT UN TEL DISPOSITIF DE COMPRESSION			
7540 /00	MACHINE ELECTRIQUE COMPRENANT 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	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=2&ND=4&adjacent=true&locale=en_EP&FT=D&date=20190320&CC=EP&NR=3457531A2&KC=A2	EP3457531A2 US2019089211A1 CN109525048A FR3071369A1 KR20190032216A JP2019054720A IN201844034119	FAVRE LUCA; BETTONI DAVIDE
7586 /00	DISPOSITIF DE COMPRESSION D'UN FLUIDE ENTRAINE PAR UNE MACHINE ELECTRIQUE AVEC UN ARBRE DE ROTOR AYANT UNE FRETTE AMAGNETIQUE	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=3&ND=3&adjacent=true&locale=en_EP&FT=D&date=20190624&CC=JP&NR=2019100344A&KC=A	JP2019100344A CN109869224A EP3493373A1 FR3074622A1 KR20190065947A US2019170062A1 IN201844045224 JP2019100344	FAVRE LUCA

Annex 3 : PATENTS 3 – PATENTS ON WICH IFPEN HAS A LICENSE OF USE

6551 /10	METHOD OF MANUFACTURING A ROTOR FOR ELECTRIC MOTORS AND ASSOCIATED ROTOR	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2712061B1&KC=B1&FT=D&ND=4&date=20170201&DB=EPODOC&locale=en_EP	EP2712061B1 validated IT FR US9641030B2 granted 0001413452 granted Italia	BETTONI DAVIDE
6553 /10	METHOD FOR MANUFACTURING ROTORS FOR ELECTRIC MOTORS AND ROTORS MANUFACTURED USING SAID METHODS	https://worldwide.espacenet.com/publicationDetails/biblio?CC=EP&NR=2713481A2&KC=A2&FT=D&ND=4&date=20140402&DB=EPODOC&locale=en_EP	EP2713481A2 US9680357B2 granted 0001414612 granted Italia	BETTONI DAVIDE; BERTOLDO ANDREA
7465 /00	MACHINE ELECTRIQUE COMPRENANT UN ARBRE DE ROTOR MOLETTE ET PROCEDE DE FABRICATION D'UNE TELLE MACHINE Electric machine comprising a knurled rotor shaft and method for manufacturing such a machine	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=0&ND=4&adjacent=true&locale=en_EP&FT=D&date=20181122&CC=WO&NR=2018210561A1&KC=A1	FR3066657B1 granted WO2018210561 CN110679068 IN201947051218 EP 3625879 US 16/614.405 (application number) JP 2019-563543 (application number)	FAVRE LUCA; BETTONI DAVIDE
7643 /00	STATOR D'UNE MACHINE ELECTRIQUE AVEC DOUBLE INSERTION DE BOBINAGES DANS LES ENCOCHES	https://worldwide.espacenet.com/publicationDetails/biblio?DB=EPODOC&II=1&ND=3&adjacent=true&locale=en_EP&FT=D&date=20190822&CC=US&NR=2019260253A1&KC=A1	US2019260253A1 CN110165799A EP3528369A1 FR3078207A1 JP2019154225A IN201944005426A	FAVRE LUCA; BETTONI DAVIDE