General:

- Id of document version: 33178758
- Status of the document <ep-bulletin>: Replacement of data for an application already published
- Changed tag from previous publication of document <B002EP><ep-chgt-info>: B475=N,20230324
- Publication number of the document (EPO or WIPO) <B110>: 3783210
- Kind of document <B130>: B1
- EPO Application number <B210>: 19193278.9
- Application filing date <B220>: 2019.08.23
- Date of refusal of application <B235>:
- Date of withdrawal of application <B235>:
- Date of application deemed withdrawn <B237>:
- Date of receipt of request for re-establishment of rights <B238EP>:
- Date of decision for re-establishment of rights <B238>:
- Date of making available to the public by printing or similar process of an unexamined patent document, on which no grant has taken place on or before the said date <B430>: 2021.02.24
- Date of making available to the public by printing or similar process of a patent document on which grant has taken place on or before the said date <B450><date>: **2022.04.06**
- Number of the EPO Bulletin in which the mention of the grant is published. <B450><bnum>: 202214
- Date of rejection of the opposition procedure <B787>:
- Date of termination of the opposition procedure <B788>:
- Due date for translation: **2022.07.06**
- Text when the inventor has agreed to waive his entitlement to designation. <B009EP><text[j]>:
- Date of reception of document: 2023.04.28
- Date of publication <B140>: 2023.04.26

Priority <B300>: No priority.

Lapse <B472>: No lapse.

Classification <B500>:

IPC (8) as one fixed length field of 50 positions <b510ep><text>:</text></b510ep>	Edition of IPC (IPC version) <b516>:</b516>
F02B 63/04 20060101AFI20200309BHEP	8

8

Title <B540>: No title.

Division <B620> or <B620EP>: No division.

EPO Customer <B710>&<B720>&<B730>&<B740>:

Name <snm>:</snm>	Baldi, Claudio	EPO number of the customer <iid>:</iid>	101071032
Address <street>, <city>, <ctry>:</ctry></city></street>	Ing. Claudio Baldi S.r.I. Viale Cavallotti, 13 60035 Jesi (Ancona) IT		
Customer type:	Attorney / Agent	Status:	0

Name <snm>:</snm>	GIANCANO, PIERO	EPO number of the customer <iid>:</iid>	
Address <street>, <city>, <ctry>:</ctry></city></street>	Via Cavour, 27 74022 FRAGAGNANO (TA) IT		
Customer type:	Inventor	Status:	0

Name <snm>:</snm>	NED S.R.L.	EPO number of the customer <iid>:</iid>	101837386
Address <street>, <city>, <ctry>:</ctry></city></street>	Zona Industriale Lotto N.36 s.n. 74022 Fragagnano (TA) IT		

Customer type:	Grantees	Status:	0
----------------	----------	---------	---

Opposition <B780>: No opposition.

Designated countries <B840>:

Kind of document	Date of publication	Country code
<b130>:</b130>	<b140>:</b140>	<b840><ctry>:</ctry></b840>
B1	2023.04.26	NO

PCT <B860>&<B870>: No PCT.

Citations <B560>:

Kind of document <b130>:</b130>	Type <b561> or <b562>:</b562></b561>	Text <b561><text> or <b562><text>:</text></b562></text></b561>
B1	PT citation	CN-A- 105 386 867
B1	PT citation	CN-A- 109 139 251
B1	PT citation	JP-A- 2003 090 224
B1	PT citation	RU-C1- 2 442 706
B1	PT citation	US-A- 4 122 353