

Title (en)
COOKER HOOD AND POWER SUPPLY ARRANGEMENT THEREOF

Title (de)
KÜCHENHAUBE UND STROMVERSORGUNGSANORDNUNG DAFÜR

Title (fr)
HOTTE DE CUISINIÈRE ET SON AGENCEMENT D'ALIMENTATION ÉLECTRIQUE

Publication
EP 3411631 B1 20200122 (EN)

Application
EP 17704319 A 20170126

Priority
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• NL 2017050052 W 20170126

Abstract (en)
[origin: WO2017135812A1] Cooker hood comprising a mains supply terminal (6), one or more lighting elements (3), a lighting element driver (4) connected to the mains supply terminal (6) and the one or more lighting elements (3), and an electronically commuted (EC) motor (2) driving a fan. A power supply terminal of the EC motor (2) is directly connected to the mains supply terminal (6) and a control terminal of the EC motor (2) is connected to a control unit (5). The control unit (5) is connected to a power supply output of the lighting element driver (4).

IPC 8 full level
F24C 15/20 (2006.01)

CPC (source: EP)
F24C 15/2021 (2013.01); **F24C 15/2064** (2013.01)

Citation (examination)
DE 102005010984 A1 20060907 - EGO ELEKTRO GERAETEBAU GMBH [DE]

Citation (opposition)
Opponent : Electrolux Rothenburg GmbH Factory and Development,
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• DE 102005060721 A1 20070628 - ROBERT SEUFFER GMBH & CO KG [DE]
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• US 2008231468 A1 20080925 - MYLLYMAKI MATTI [FI]
• DE 19534142 A1 19960328 - ZEXEL CORP [JP]
• JP H04302933 A 19921026 - SONY CORP
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• US 6545442 B2 20030408 - SUNAGA HIDEKI [JP], et al
• WO 2015168243 A1 20151105 - BROAN NU TONE LLC [US]
• DE 102009028221 A1 20110217 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
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Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2017135812 A1 20170810; AU 2017216120 A1 20180809; AU 2017216120 B2 20211104; CN 108700308 A 20181023; CN 108700308 B 20210305; EP 3411631 A1 20181212; EP 3411631 B1 20200122; EP 3411631 B2 20230712; NL 2016214 B1 20170811; PL 3411631 T3 20200907; PL 3411631 T5 20231030

DOCDB simple family (application)
NL 2017050052 W 20170126; AU 2017216120 A 20170126; CN 201780009485 A 20170126; EP 17704319 A 20170126; NL 2016214 A 20160203; PL 17704319 T 20170126