

Title (en)
SUCTION GRID FOR AN AIR GUIDE OF A DOMESTIC HOOD, AIR GUIDE HAVING SUCH GRID AND DOMESTIC HOOD HAVING SUCH AIR GUIDE

Title (de)
SAUGGITTER FÜR EINE LUFTLEITUNG EINER HAUSHALTSABZUGSHAUBE, LUFTFÜHRUNG MIT SOLCHEM GITTER UND HAUSHALTSABZUGSHAUBE MIT EINER SOLCHEN LUFTFÜHRUNG

Title (fr)
GRILLE D'ASPIRATION POUR GUIDE D'AIR D'UNE HOTTE DOMESTIQUE, GUIDE D'AIR PRÉSENTANT LADITE GRILLE ET HOTTE DOMESTIQUE PRÉSENTANT LEDIT GUIDE D'AIR

Publication
EP 3247952 B1 20190320 (EN)

Application
EP 16709127 A 20160120

Priority
• IT MI20150058 A 20150122
• IB 2016050269 W 20160120

Abstract (en)
[origin: WO2016116871A1] The present invention concerns a suction grid for an air guide of a domestic hood, an air guide having such grid and a domestic hood having such air guide. Particularly, the suction grid comprises a first plurality of mutually spaced spokes (12), said grid defining a central area (10) and a peripheral edge (11). The suction grid is characterized in that each spoke of the first plurality of spokes (12) extends along a first curvilinear path (13) from the central area (10) toward the peripheral edge (11), each spoke of the first plurality of spokes (12) defining a profile (14), which is warped around the first curvilinear path (13), said profile (14), in any section normal to said first curvilinear path (13), defines a front side (14A), a rear side (14B), opposite to said front side (14A), an underside (14C) and a topside (14D) opposite to said underside (14C), wherein the ratio of said front side (14A) or rear side (14B) to said underside (14C) or topside (14D) changes from said central area (10) toward said peripheral edge (11),

IPC 8 full level
F24F 13/08 (2006.01); **F04D 29/54** (2006.01); **F04D 29/70** (2006.01); **F24C 15/20** (2006.01)

CPC (source: EP)
F04D 29/541 (2013.01); **F04D 29/703** (2013.01); **F24C 15/20** (2013.01); **F24F 13/082** (2013.01)

Citation (opposition)
Opponent : Dr. Eduard Schurack
• EM 17405720009 F
• EM 11808890025 F
• EM 11808890028 F
• EP 1357337 A1 20031029 - DAIKIN IND LTD [JP]
• EP 2530331 A2 20121205 - DEERE & CO [US]
• KR 19980066524 A 19981015
• EP 2123917 A2 20091125 - SEB SA [FR]
• DE M9209132 F
• US 2011036340 A1 20110217 - CHU MING-HUNG [TW]
• DE 102007021318 A1 20081113 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]
• DE 102009003957 A1 20100325 - BERLING UDO [DE]
• DE M077458 F
• AEG: "AEG DU 4361", MONTAGE- UND GEBRAUCHSANWEISUNG ZUR DUNSTABZUGSHAUBE, October 2005 (2005-10-01), pages 1 - 84, XP055667842

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016116871 A1 20160728; EP 3247952 A1 20171129; EP 3247952 B1 20190320; ES 2721779 T3 20190805; PL 3247952 T3 20190930; TR 201905809 T4 20190521

DOCDB simple family (application)
IB 2016050269 W 20160120; EP 16709127 A 20160120; ES 16709127 T 20160120; PL 16709127 T 20160120; TR 201905809 T 20160120