

Title (en)
Single-motor suction hair clipper

Title (de)
Einmotoriger Haarschneider mit Ansaugfunktion

Title (fr)
Tondeuse aspirante monomoteur

Publication
EP 2781321 B1 20161130 (FR)

Application
EP 14158731 A 20140311

Priority
FR 1352617 A 20130322

Abstract (en)
[origin: EP2781321A1] The clipper has a casing (10) comprising a cutting block (20) with a fixed blade and a movable blade that is driven by oscillation. An electric motor (30) is provided for driving the movable blade. A suction system (40) has a reservoir (42) that is arranged at the casing in a removable manner. The reservoir has a suction mouth (41) arranged adjacent to the cutting block. A turbine (43) generates vacuum in the reservoir, and driven by the motor. The motor comprises a single shaft (31) having a coupling unit (32) coupled to the turbine and a drive unit (33) of the movable blade.

IPC 8 full level
B26B 19/44 (2006.01)

CPC (source: EP)
B26B 19/44 (2013.01)

Citation (opposition)
Opponent : Koninklijke Philips N.V.
• JP 2013034824 A 20130221 - ISHIKAWA EISUKE
• US 7114257 B1 20061003 - ORTEGA HERMIS [US]
• WO 2008032279 A1 20080320 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• US 2716279 A 19550830 - PETERSON ALBIN K
• EP 2105267 A1 20090930 - PANASONIC ELEC WORKS CO LTD [JP]
• WO 2011061660 A1 20110526 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• WO 2006134576 A2 20061221 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
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EP 14158731 A 20140311; CN 201420108460 U 20140311; FR 1352617 A 20130322