

Title (en)
Upright vacuum cleaner

Title (de)
Upright-Staubsauger

Title (fr)
Aspirateur vertical

Publication
EP 2030547 A3 20110824 (DE)

Application
EP 08014413 A 20080813

Priority
DE 102007040954 A 20070830

Abstract (en)
[origin: EP2030547A2] The cleaner has an upper body and base unit (2) that are tilted by a tilting joint. A chassis has wheels (26, 27) arranged in a rear area of the base unit. The wheels are fastened to the unit by a pivotable holder. A pivoting axis of the holder is placed remote from a rotational axis (28) of the wheels. A wheel mechanism (30) and toothed segment (61) are placed at the joint and in a holder area. The mechanism and segment are cooperated during pivoting of the body with respect to the base unit to pivot the holder with the wheels.

IPC 8 full level
A47L 5/28 (2006.01); **A47L 9/00** (2006.01)

CPC (source: EP US)
A47L 5/28 (2013.01 - EP US); **A47L 9/009** (2013.01 - EP US)

Citation (search report)
• [A] GB 2410178 A 20050727 - LINDHAUS S R L [IT]
• [A] US 2003051307 A1 20030320 - HASHIZUME KIYOSHI [JP], et al
• [A] GB 2422094 A 20060719 - DYSON TECHNOLOGY LTD [GB]
• [A] GB 2342282 A 20000412 - NOTETRY LTD [GB]

Cited by
AU2010308199B2; CN102038457A; EP4094656A3; EP3790436A4; US8429791B2; US8438699B2; WO2011045602A1; WO2011045581A1

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 08014413 A 20080813; DE 102007040954 A 20070830; DK 08014413 T 20080813; US 19936808 A 20080827