

Title (en)
Upright vacuum cleaner

Title (de)
Upright-Staubsauger

Title (fr)
Aspirateur vertical

Publication
EP 2030550 A3 20111109 (DE)

Application
EP 08014677 A 20080819

Priority
DE 102007040961 A 20070830

Abstract (en)
[origin: EP2030550A2] The cleaner (1) has an upper body (3) with a dust collecting container and a base unit (2). The upper body is supported by a tilting hinge in a use position and is pivotable relative to the base unit around a horizontal axis from an approximately perpendicular stand-by position to a diagonally tilted operating position. A rotary hinge is arranged between the upper body and the base unit, and enables a change of direction of the driven base unit by rotation of the upper body. A rotation locking device locks the upper body concerning to the rotation in the stand-by position.

IPC 8 full level
A47L 5/30 (2006.01); **A47L 9/00** (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP US)
A47L 5/30 (2013.01 - EP US); **A47L 9/0036** (2013.01 - EP US); **A47L 9/325** (2013.01 - EP US)

Citation (search report)

- [X] GB 2422094 A 20060719 - DYSON TECHNOLOGY LTD [GB]
- [X] EP 1647219 A2 20060419 - STEIN & CO GMBH [DE]
- [X] US 4423534 A 19840103 - LYMAN JOHN B [US], et al
- [X] US 3932912 A 19760120 - JOHNSON ROBERT E

Cited by
CN105902238A; CN102984980A; EP2452600A1; CN102462441A; US8813308B2

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)
EP 2030550 A2 20090304; EP 2030550 A3 20111109; EP 2030550 B1 20140702; DE 102007040961 A1 20090305;
US 2009056058 A1 20090305; US 8336165 B2 20121225

DOCDB simple family (application)
EP 08014677 A 20080819; DE 102007040961 A 20070830; US 19945508 A 20080827