

Title (en)

Broom with automatic tilting head for cleaning a surface

Title (de)

Automatische Kehrmachine mit Schwenkkopf zur Oberflächenreinigung

Title (fr)

Balai à tête basculante automatique pour nettoyage de surface

Publication

EP 2769660 B1 20171129 (FR)

Application

EP 14154838 A 20140212

Priority

FR 1351700 A 20130226

Abstract (en)

[origin: EP2769660A1] The brush (1) has a cleaning head (20) mounted at a lower end of a handle (10) through an articulation (21). The articulation tilts the head around a rotation axis (21b) between a transverse work position and an axial fold position. The head has an unbalance to return the head towards the fold position when the handle is held vertically remote from a surface to be cleaned. The head is equipped with a magnet (25) to cooperate automatically with the handle when the head is brought into the fold position so as to maintain the return position against an action of gravity when the handle is tilted.

IPC 8 full level

A47L 13/144 (2006.01); **A47L 13/254** (2006.01)

CPC (source: EP)

A47L 13/144 (2013.01); **A47L 13/254** (2013.01)

Cited by

CN109008852A; DE102016118256B3; CN105962860A; FR3082720A1; WO2018060115A1; USD922712S; USD923896S; USD933325S; USD1015668S; USD915703S; US11576550B2; US11759085B2; US11896180B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2769660 A1 20140827; **EP 2769660 B1 20171129**; FR 3002429 A1 20140829; FR 3002429 B1 20150403

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