

Title (en)

Floor cleaner and method for controlling same

Title (de)

Bodenreiniger und Verfahren zur Steuerung desselben

Title (fr)

Nettoyeur de sol et procédé pour son contrôle

Publication

EP 1795107 A2 20070613 (EN)

Application

EP 06025154 A 20061205

Priority

KR 20050117973 A 20051206

Abstract (en)

A cleaner is provided that includes a head (100) having a base, which is configured to face a surface to be cleaned, and an intermediate connector (50) detachably coupled to a bottom of the base at an upper surface of the intermediate connector. Further, the intermediate connector supports a cleaning member (60) that is detachably coupled to a lower surface of the intermediate connector. Additionally, the cleaner also includes a first coupler (15,55) to detachably couple the intermediate connector to the bottom of the base.

IPC 8 full level

A47L 11/34 (2006.01); **A47L 13/22** (2006.01); **A47L 13/256** (2006.01)

CPC (source: EP KR US)

A47L 9/06 (2013.01 - EP US); **A47L 9/0686** (2013.01 - EP US); **A47L 11/20** (2013.01 - KR); **A47L 11/34** (2013.01 - EP KR US); **A47L 11/40** (2013.01 - KR); **A47L 11/4044** (2013.01 - EP US); **A47L 11/4086** (2013.01 - EP US); **A47L 13/256** (2013.01 - EP US)

Cited by

EP2120668A4; CN106166044A; EP2109389A4; CN106166045A; EP1790267A3; CN109288459A; EP3366182A1; US7555814B2; WO2008028757A1; US11864696B2; WO2018153706A1

Designated contracting state (EPC)

DE

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1795107 A2 20070613; **EP 1795107 A3 20080409**; KR 100746080 B1 20070806; KR 20070059286 A 20070612; RU 2006143106 A 20080620; RU 2345699 C2 20090210; US 2007124891 A1 20070607

DOCDB simple family (application)

EP 06025154 A 20061205; KR 20050117973 A 20051206; RU 2006143106 A 20061205; US 56736306 A 20061206