

Title (en)
Floor cleaning machine

Title (de)
Bodenreinigungsmaschine

Title (fr)
Machine pour nettoyer les sols

Publication
EP 1514506 B1 20100113 (DE)

Application
EP 04019939 A 20040823

Priority
DE 10342455 A 20030915

Abstract (en)
[origin: EP1514506A2] A mechanically swiveled dirt container (10) shifts between an operating position, in which it uses its opening edge to keep a tight grip on an opening edge (9) of a dirt penetration hole, and a raised position, from which it swivels into an emptying position by releasing a retaining link. A lifting arm (12) is part of an arrangement of parallel bars.

IPC 8 full level
A47L 11/40 (2006.01)

CPC (source: EP US)
A47L 11/24 (2013.01 - EP US); **A47L 11/4013** (2013.01 - EP US); **A47L 11/4055** (2013.01 - EP US)

Cited by
CN103193047A; CN103114541A; CN105970862A

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1514506 A2 20050316; EP 1514506 A3 20080924; EP 1514506 B1 20100113; DE 10342455 A1 20050407; DE 502004010631 D1 20100304; US 2005055786 A1 20050317; US 7461428 B2 20081209

DOCDB simple family (application)
EP 04019939 A 20040823; DE 10342455 A 20030915; DE 502004010631 T 20040823; US 94244304 A 20040915