

Title (en)

Soil cultivation device with a rotating roller

Title (de)

Bodenbearbeitungsgerät mit einer rotierbaren Walze

Title (fr)

Appareil de traitement de sol doté d'une presse rotative

Publication

EP 2033560 B1 20140702 (DE)

Application

EP 08014167 A 20080808

Priority

DE 102007040948 A 20070830

Abstract (en)

[origin: EP2033560A2] The device has a rotatable roller arranged in a housing and protruding partially from a suction port (15) that is provided in a part of the housing. The rotatable roller is driven by a brush motor (20). The distance between a rotational axis of the rotatable roller and a bottom covering is changed partially. The rotatable roller is supported within the housing in an elastic manner. The rotatable roller is held laterally by two oscillators (18, 19) that are supported swivelably and elastically.

IPC 8 full level

A47L 5/34 (2006.01); **A47L 9/04** (2006.01); **A47L 11/06** (2006.01)

CPC (source: EP US)

A47L 5/34 (2013.01 - EP US); **A47L 9/0494** (2013.01 - EP US); **A47L 11/06** (2013.01 - EP US); **A47L 11/40** (2013.01 - EP US); **A47L 11/4041** (2013.01 - EP US); **A47L 11/4058** (2013.01 - EP US); **A47L 11/4069** (2013.01 - EP US)

Cited by

DE102011053667A1; EP2570066A1; US8607410B2

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

DOCDB simple family (publication)

EP 2033560 A2 20090311; **EP 2033560 A3 20101215**; **EP 2033560 B1 20140702**; DE 102007040948 A1 20090305; US 2009056066 A1 20090305; US 8166608 B2 20120501

DOCDB simple family (application)

EP 08014167 A 20080808; DE 102007040948 A 20070830; US 19928708 A 20080827