

Title (en)

MOBILE FLOOR CLEANING DEVICE HAVING NOISE INSULATION

Title (de)

FAHRBARES BODENREINIGUNGSGERÄT MIT GERÄUSCHDÄMMUNG

Title (fr)

APPAREIL DE NETTOYAGE DU SOL ROULANT ET INSONORISÉ

Publication

**EP 2640250 B1 20160727 (DE)**

Application

**EP 10781657 A 20101115**

Priority

EP 2010067494 W 20101115

Abstract (en)

[origin: WO2012065624A1] The invention relates to a mobile floor cleaning device (10) comprising at least one cleaning tool (22, 23), a cleaning liquid tank (36), a dirt liquid tank (26) and a suction unit (32). In order to further develop the floor cleaning device (10) such that it has a reduced noise emission, a first recess (30) is formed into the tank wall of the cleaning liquid tank (36) or the dirt liquid tank (26), the suction unit (32) being arranged in said recess which is covered by a first cover element (51). According to the invention, the tank wall and/or the first cover element (51) form at least one air guide channel (76, 79, 83) extending from the first recess (30) to an opening (77, 80, 84).

IPC 8 full level

**A47L 11/30** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP)

**A47L 11/302** (2013.01); **A47L 11/4013** (2013.01); **A47L 11/4083** (2013.01); **A47L 11/4097** (2013.01)

Cited by

US10219670B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2012065624 A1 20120524**; CN 103209630 A 20130717; CN 103209630 B 20160810; EP 2640250 A1 20130925; EP 2640250 B1 20160727

DOCDB simple family (application)

**EP 2010067494 W 20101115**; CN 201080070169 A 20101115; EP 10781657 A 20101115