

Title (en)

HANDHELD FLOOR TREATMENT DEVICE

Title (de)

HANDGEFÜHRTES BODENBEARBEITUNGSGERÄT

Title (fr)

APPAREIL DE TRAITEMENT DE SOL À GUIDAGE MANUEL

Publication

EP 3760094 B1 20231108 (DE)

Application

EP 20185144 A 20100825

Priority

- DE 102009028944 A 20090827
- EP 10766222 A 20100825
- DE 2010000987 W 20100825

Abstract (en)

[origin: WO2011023169A2] The invention relates to a handheld floor treatment device, comprising a floor part (1), which has a liquid supply (11), and a liquid intake (13) and a structurally separated suction unit that contains at least one suction turbine (17). The invention further relates to a handheld floor treatment device, comprising a floor part (1) having a bow (5), which encompasses the floor part (1) at least in some sections and which is connected to the floor part (1) by means of a first joint (4) that can be adjusted in the treatment direction (6), and further comprising a guide part (2) attached to the bow (5), the guide part having a handle (3). The guide part (2) comprises a further joint (8) at the lower end below the center but above the floor part (1), about which joint the guide part (2) can be adjusted transversely to the treatment direction (6) so that the floor part (1) can be rotated by a user (P) parallel to the treatment surface (B) about a vertical axis (A1) of the floor part (1) by at least $\pm 45^\circ$, even if the guide part (2) is in a tilted position.

IPC 8 full level

A47L 11/40 (2006.01)

CPC (source: EP US)

A47L 11/161 (2013.01 - US); **A47L 11/305** (2013.01 - EP US); **A47L 11/40** (2013.01 - US); **A47L 11/4005** (2013.01 - EP US); **A47L 11/4013** (2013.01 - EP US); **A47L 11/4016** (2013.01 - EP US); **A47L 11/4022** (2013.01 - EP US); **A47L 11/4044** (2013.01 - EP US); **A47L 11/4052** (2013.01 - EP US); **A47L 11/4061** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP US); **A47L 11/4077** (2013.01 - EP US); **A47L 11/4083** (2013.01 - EP US); **A47L 11/4088** (2013.01 - EP US); **B24B 7/18** (2013.01 - EP US); **B24B 55/12** (2013.01 - EP US)

Citation (examination)

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Citation (opposition)

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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 SE SI SK SM TR

DOCDB simple family (publication)

DE 102009028944 A1 20110303; DE 102009028944 A8 20110601; DK 2470055 T3 20201026; DK 2962614 T3 20180115;
DK 3033984 T3 20211115; DK 3508106 T3 20211115; DK 3632285 T3 20230703; EP 2470055 A2 20120704; EP 2470055 B1 20200729;
EP 2962614 A1 20160106; EP 2962614 B1 20171025; EP 3033984 A1 20160622; EP 3033984 B1 20210818; EP 3508106 A1 20190710;
EP 3508106 B1 20210818; EP 3632285 A1 20200408; EP 3632285 B1 20230405; EP 3760094 A2 20210106; EP 3760094 A3 20210421;
EP 3760094 B1 20231108; EP 3760094 C0 20231108; EP 4275571 A2 20231115; EP 4275571 A3 20240313; ES 2655252 T3 20180219;
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FI 3632285 T3 20230620; HU E035851 T2 20180528; HU E051131 T2 20210301; HU E056475 T2 20220228; HU E056481 T2 20220228;
HU E062174 T2 20230928; HU E065335 T2 20240528; PL 2470055 T3 20210125; PL 2962614 T3 20180330; PL 3033984 T3 20220124;
PL 3508106 T3 20220117; PL 3632285 T3 20230821; PL 3760094 T3 20240408; SI 2962614 T1 20180228; US 2012279010 A1 20121108;
US 8887348 B2 20141118; WO 2011023169 A2 20110303; WO 2011023169 A3 20110603

DOCDB simple family (application)

DE 102009028944 A 20090827; DE 2010000987 W 20100825; DK 10766222 T 20100825; DK 15179868 T 20100825; DK 16153854 T 20100825;
DK 19155564 T 20100825; DK 19209902 T 20100825; EP 10766222 A 20100825; EP 15179868 A 20100825; EP 16153854 A 20100825;
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HU E19209902 A 20100825; HU E20185144 A 20100825; PL 10766222 T 20100825; PL 15179868 T 20100825; PL 16153854 T 20100825;
PL 19155564 T 20100825; PL 19209902 T 20100825; PL 20185144 T 20100825; SI 201031626 T 20100825; US 201013392122 A 20100825