

Title (en)
FLOOR TREATMENT MACHINE

Title (de)
BODENBEHANDLUNGSMASCHINE

Title (fr)
MACHINE DE TRAITEMENT DE SOL

Publication
EP 3784102 A1 20210303 (EN)

Application
EP 19719613 A 20190423

Priority
• GB 201806900 A 20180427
• GB 2019051122 W 20190423

Abstract (en)
[origin: GB2573161A] A floor treatment machine 10 comprises a base portion provided with and supported by at least one rotatable work head for treating the floor, a handle portion 12 for steering or guiding the machine along a working direction of travel and adapted to be pivotable with respect to the base portion, floor-engaging wheel means 18 for supporting the handle portion 12, the wheel means 18 being coupled to the base portion by a linkage 17 which permits vertical travel of the base portion and associated work head or heads with respect to the wheel means 18, but which provides transverse constraint to limit or prevent yawing of the base portion with respect to the wheel means 18, wherein a lower region of the handle portion 12 is pivotably connected to the wheel means via an articulated joint, the arrangement being such that the handle portion 12 may be manipulated to act on the wheel means 18 so as to yaw steer the wheel means 18, wherein a handle pivot lock mechanism (44, 46, 47, fig 2) is provided in which the adoption of a predetermined handle portion orientation permits one or more locking feature to act on one or more corresponding constraint feature so as to prevent pivoting movement of the handle portion with respect to the base portion.

IPC 8 full level
A47L 11/08 (2006.01); **A47L 11/26** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP GB US)
A47L 11/08 (2013.01 - EP); **A47L 11/26** (2013.01 - EP GB); **A47L 11/28** (2013.01 - US); **A47L 11/4072** (2013.01 - EP GB US);
A47L 11/4075 (2013.01 - EP GB US); **A47L 11/4091** (2013.01 - EP US)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
GB 201806900 D0 20180613; **GB 2573161 A 20191030**; **GB 2573161 B 20220824**; CN 112739247 A 20210430; CN 112739247 B 20221028;
EP 3784102 A1 20210303; EP 3784102 B1 20230927; ES 2966731 T3 20240424; PL 3784102 T3 20240318; US 2021076894 A1 20210318;
WO 2019207289 A1 20191031

DOCDB simple family (application)
GB 201806900 A 20180427; CN 201980043083 A 20190423; EP 19719613 A 20190423; ES 19719613 T 20190423;
GB 2019051122 W 20190423; PL 19719613 T 20190423; US 201917050251 A 20190423