

Title (en)

Surface treating machine

Title (de)

Maschine zur Flächenbehandlung

Title (fr)

Machine pour le traitement de surface

Publication

EP 1262138 A1 20021204 (EN)

Application

EP 02076375 A 20020408

Priority

- EP 02076375 A 20020408
- EP 01202076 A 20010531

Abstract (en)

The invention relates to a surface treating machine, comprising: a frame (1) and a chassis (2, 3) to enable the machine to move over a surface (S) such as a floor. A head (5) is supported by the frame and comprises means (6) for directly contacting, scrubbing or maintaining said surface. The head (5) is freely movable up and down with respect to the chassis (2, 3) and is loaded downwardly by a pressure to adapt to the level of the surface. At least a part of the pressure on the head (5) is derived from the weight of the machine itself. Preferably, the head (5) is connected to a first lever arm (8) of a two armed lever (7). A second arm (9) of the lever (7) is connected to the chassis (2, 3), whereas a pivoting point (10) of the lever (7) is fixed to the frame (1) of the machine. In this way, the pressure on the head is not only provided by the weight of the machine, but the head is also easily adapting to ramps and descents in the surfaces, while the pressure on the head is maintained.

IPC 1-7

A47L 11/28; **A47L 11/40**

IPC 8 full level

A47L 11/162 (2006.01); **A47L 11/283** (2006.01)

CPC (source: EP)

A47L 11/162 (2013.01); **A47L 11/283** (2013.01); **A47L 11/4058** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1262138 A1 20021204; **EP 1262138 B1 20080723**; ES 2305175 T3 20081101

DOCDB simple family (application)

EP 02076375 A 20020408; ES 02076375 T 20020408