

Title (en)
FLOOR-CLEANING MACHINE

Title (de)
BODENREINIGUNGSVORRICHTUNG

Title (fr)
MACHINE DE NETTOYAGE DE SOL

Publication
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Application
EP 22744771 A 20220722

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Abstract (en)
[origin: WO2023002009A1] The invention relates to a floor-cleaning machine (10; 110; 210; 310; 410), preferably a floor-cleaning scrubber, particularly preferably a floor-cleaning scrubber with suction action, comprising: - a floor unit (12; 112; 212; 312; 412); - a tool (24, 26; 124, 126), which is assigned to the floor unit (12; 112; 212; 312; 412) and, in an operating state, is in contact with a floor surface (158); - a guide part (14; 114; 214; 314; 414) for guiding the floor-cleaning machine (10; 110; 210; 310; 410); - a joint arrangement (16; 116) with a first pivot joint (18, 118) for pivoting the guide part (14; 114; 214; 314; 414) relative to the floor unit (12; 112; 212; 312; 412) about a first pivot axis (A); and - a spring member (160; 260; 360; 460) for generating a spring force between the floor unit (12; 112; 212; 312; 412) and the guide part (14; 114; 214; 314; 414), wherein the first pivot joint (18, 118) has a neutral position, characterized in that the spring member (160; 260; 360; 460) is operatively connected to the floor unit (12; 112; 212; 312; 412) and the guide part (14; 114; 214; 314; 414) such that, during the pivoting operation out of the neutral position, in a first pivoting direction (S1), to a deflected position, an erecting moment about the first pivot axis (A) in the direction of the neutral position, this moment acting on the guide part (14; 114; 214; 314; 414) and resulting from the spring force, increases in a first angle range and decreases in a following, second angle range.

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