

Title (en)
AUTOMATIC CLEANING DEVICE

Title (de)
AUTOMATISCHE REINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE AUTOMATIQUE

Publication
EP 4289325 A1 20231213 (EN)

Application
EP 22752249 A 20220208

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Abstract (en)
An automatic cleaning device, comprising: a moving platform (100) configured to automatically move on an operation surface; and a cleaning module (150) provided on the moving platform (100) and comprising a dry cleaning module (151) and a wet cleaning module (400). The wet cleaning module (400) comprises a cleaning head (410) used for cleaning the operation surface, and a driving unit (420) used for driving the cleaning head (410) to reciprocate along a target surface; the target surface is a part of the operation surface; the moving platform (100) is provided with a protruding pin (1001); the wet cleaning module (400) is provided with a groove (4001) matching the protruding pin (1001) to limit the working position of the wet cleaning module (400). The protruding pin can move directionally along the groove, so that a lifting/lowering module does not deviate in a lifting/lowering process.

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