

Title (en)
AUTOMATIC CLEANING DEVICE

Title (de)
AUTOMATISCHE REINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE AUTOMATIQUE

Publication
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Application
EP 21912906 A 20210609

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Abstract (en)
An automatic cleaning device, comprising: a mobile platform (100) configured to automatically move on an operation surface; and a cleaning module (150) provided the mobile platform (100) and comprising a dry cleaning module (151) configured to clean at least part of the operation surface in a dry cleaning mode and a wet cleaning module (400) configured to clean at least part of the operation surface in a wet cleaning mode, wherein the wet cleaning module (400) comprises a cleaning head (410) configured to clean the operation surface and a driving unit (420) configured to drive the cleaning head (410) to reciprocate along a target surface, the target surface being a part of the operation surface. The cleaning head (400) of the automatic cleaning device can move substantially in a reciprocating manner, such that repeated cleaning can be performed on a surface to be cleaned, and multiple cleaning can be achieved in a certain area at a time in the movement trajectory of a cleaning robot, such that the cleaning effect is greatly enhanced, especially for areas with relatively large stains, and the cleaning effect is obvious.

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