

Title (en)

AUTOMATIC MACHINE FOR CLEANING WALLBOARDS

Title (de)

AUTOMATISCHE MASCHINE ZUM REINIGEN VON WANDBAUPLATTEN

Title (fr)

MACHINE AUTOMATIQUE POUR LE NETTOYAGE DE PANNEAUX DE REVÊTEMENT

Publication

EP 2692272 A4 20141029 (EN)

Application

EP 11862049 A 20110331

Priority

CN 2011000559 W 20110331

Abstract (en)

[origin: US2013067666A1] An automatic machine for cleaning wallboards, such as the wallboards of wall, glass or solar panels. Pluralities of long axial tracks are arranged parallel in an array. Water guide pipes and electric rails are formed on the long axial tracks. The walls of the water guide pipes are provided with a plurality of magnetic valves at intervals. Sliding engine bases are arranged on the long axial tracks. The sliding engine bases are provided with conduction frames corresponding to the electric rails and a long axial magnet body which can open and close cleaning water by magnetic force relative to the magnetic valves. At least two brush supporting bases are provided movably on the corresponding sliding engine bases to close to or leave away from the sliding engine bases by a power extending object. A long axial brush is provided between two nearby brush supporting bases of the sliding engine bases. The setting direction of the long axial brush is vertical to that of the long axial tracks. The long axial brush is driven by a shaking device to brush and wash the wallboards. Protective cover plates are arranged at the outer side of the long axial brush.

IPC 8 full level

A47L 11/38 (2006.01); **A46B 13/00** (2006.01); **A47L 1/02** (2006.01); **B08B 1/04** (2006.01); **B08B 3/04** (2006.01); **E04G 23/00** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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- [A] JP H10258004 A 19980929 - NIHON BISOH CO LTD
- [A] US 5715557 A 19980210 - HSU PO-LIN [TW]
- See also references of WO 2012129732A1

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DOCDB simple family (application)

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