

Title (en)

Device and treatment method of a surface of concrete, floor cement or the like

Title (de)

Vorrichtung und Verfahren zum Bearbeiten einer Fläche aus Beton, Estrich oder dergleichen

Title (fr)

Appareil et méthode de traitement d'une surface de ciment, mortier d'aire ou semblable

Publication

**EP 1308580 A3 20031119 (DE)**

Application

**EP 02021146 A 20020924**

Priority

DE 10153075 A 20011030

Abstract (en)

[origin: DE10153075C1] Device for processing a surface made of concrete, plaster or a similar covering comprises a chassis, a guide support (1) arranged perpendicular to the direction of travel, and a revolving plate (6) moving to and fro on the guide support. The lower edge of a wiper blade (8) positioned in front of the revolving plate and likewise moving to and fro perpendicular to the direction of travel wipes, pre-smoothes and pre-compacts excess fresh application composition (5) during a leveling step. An Independent claim is also included for a process for processing a surface made of concrete, plaster or a similar covering using the above device. Preferred Features: The wiper blade is arranged directly in front of the revolving plate on the guide support and moves to and fro synchronously with the revolving plate.

IPC 1-7

**E04F 21/24**; **E01C 19/42**

IPC 8 full level

**E01C 19/42** (2006.01); **E01C 23/088** (2006.01); **E04F 21/24** (2006.01)

CPC (source: EP)

**E01C 19/42** (2013.01); **E01C 23/0885** (2013.01); **E04F 21/242** (2013.01)

Citation (search report)

- [A] DE 2019342 A1 19711104 - HOES FA KLAUS GERD
- [DA] WO 0056998 A1 20000928 - LOMAR S N C DI M LOVECCHIO & C [IT], et al

Cited by

CN115506612A; IT201800003953A1; CN107386616A; CN113530249A; CN115012629A; CN108797970A; CN113123566A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**DE 10153075 C1 20030206**; EP 1308580 A2 20030507; EP 1308580 A3 20031119

DOCDB simple family (application)

**DE 10153075 A 20011030**; EP 02021146 A 20020924