

Title (en)

Floor treatment device and method for manufacturing same

Title (de)

Bodenbehandlungsvorrichtung und Herstellungsverfahren dafür

Title (fr)

Dispositif de traitement du sol et procédé de fabrication de celui-ci

Publication

EP 2700475 A3 20171129 (EN)

Application

EP 13166950 A 20130508

Priority

US 201213468247 A 20120510

Abstract (en)

[origin: US2013303062A1] A floor treatment device includes a pad (1) of an open lofty non-woven material as well as a plurality of segments (3) spaced from one another and consisting of a plastic material (4) and abrasive particles (7, 8), such as diamond particles. The segments are adhered to a surface (2) of the pad (1). The floor treatment device is characterized by bodies (5) which are embedded in the plastic material (4) of the segments (3), the bodies (5) including a matrix material (6) as well as abrasive particles (7) contained in the matrix material.

IPC 8 full level

B24D 7/06 (2006.01); **B24D 11/00** (2006.01); **B24D 13/14** (2006.01)

CPC (source: EP US)

B24B 7/186 (2013.01 - EP US); **B24D 7/06** (2013.01 - EP US); **B24D 11/001** (2013.01 - EP US); **B24D 13/147** (2013.01 - EP US); **B24D 18/00** (2013.01 - EP US)

Citation (search report)

- [XYI] US 5247765 A 19930928 - QUINTANA JESUS B [ES]
- [XYI] EP 0855249 A1 19980729 - SANWA KENMA KOGYO CO LTD [JP]
- [Y] WO 9942250 A1 19990826 - MINNESOTA MINING & MFG [US]
- [I] US 5817204 A 19981006 - TSELESIN NAUM N [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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