

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)  
**US 2013303062 A1 20131114**; EP 2700475 A2 20140226; EP 2700475 A3 20171129

DOCDB simple family (application)  
**US 201213468247 A 20120510**; EP 13166950 A 20130508