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(71) Applicant: **SASE Company, LLC**
Kent, WA 98032 (US)

(72) Inventor: **Weder, James**
Kent, WA Washington 98032 (US)

(74) Representative: **Nederlandsch Octrooibureau**
P.O. Box 29720
2502 LS The Hague (NL)

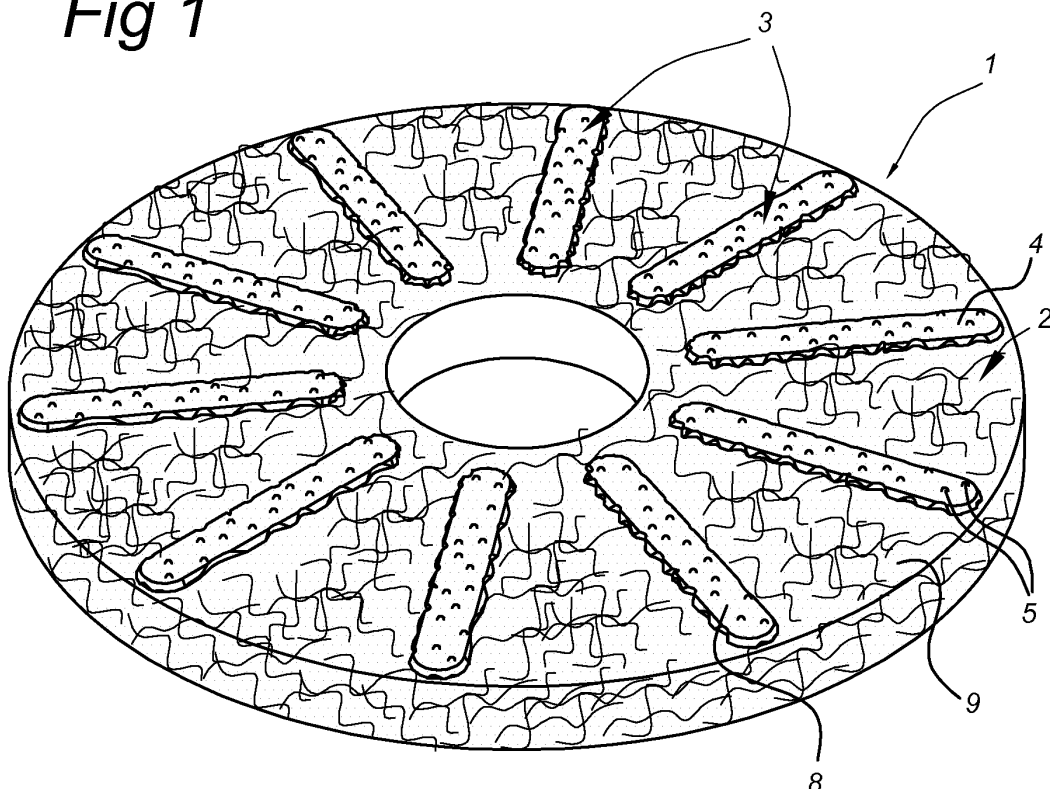
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(54) **Floor treatment device and method for manufacturing same**

(57) A floor treatment device comprises 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), said bodies (5) comprising a matrix material (6) as well as abrasive particles (7) contained in said matrix material.

Fig 1



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 247 765 A (QUINTANA JESUS B [ES]) 28 September 1993 (1993-09-28)	1,2,4-6, 9,10	INV. B24D11/00
Y	* column 2, lines 1-4 * * column 3, line 42 - column 5, line 46; figures 1a-4b *	3,7,8	B24D13/14 B24D7/06
X	EP 0 855 249 A1 (SANWA KENMA KOGYO CO LTD [JP]) 29 July 1998 (1998-07-29)	1-7, 10-14	
Y	* figures 1,5-11C *	3,7,8	
Y	WO 99/42250 A1 (MINNESOTA MINING & MFG [US]) 26 August 1999 (1999-08-26)	8	
	* page 8, lines 8-18; figures 1,2,7 * * page 15ff, paragraph B * * page 16ff, paragraph C *		
X	US 5 817 204 A (TSELESIN NAUM N [US]) 6 October 1998 (1998-10-06)	11-14	
	* figures 1,2 *		
			TECHNICAL FIELDS SEARCHED (IPC)
			B24D B24B
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 18 October 2017	Examiner Kornmeier, Martin
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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18-10-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5247765 A	28-09-1993	NONE	
EP 0855249 A1	29-07-1998	EP 0855249 A1	29-07-1998
		US 6071182 A	06-06-2000
		US 6273805 B1	14-08-2001
WO 9942250 A1	26-08-1999	AU 3295699 A	06-09-1999
		CN 1291126 A	11-04-2001
		DE 69925124 D1	09-06-2005
		DE 69925124 T2	19-01-2006
		EP 1094918 A1	02-05-2001
		JP 2002503559 A	05-02-2002
		MY 128106 A	31-01-2007
		TW 585900 B	01-05-2004
		US 6354929 B1	12-03-2002
		WO 9942250 A1	26-08-1999
US 5817204 A	06-10-1998	US 5817204 A	06-10-1998
		US 5980678 A	09-11-1999