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(54) **A recyclable carpet and a manufacturing process thereof**

(57) A process for the manufacture of a textile material for floor covering, in which a layer of needlepunched non-woven fabric made of synthetic fiber is formed, a layer of binder in an aqueous suspension of a water-resistant vinyl resin having hydrolyzable func-

tionalties sufficient to be dissolved when heated in a strongly basic solvent being applied thereon. The vinyl resin can include a polymer made of polyvinyl acetate. The floor covering material thus obtained is recyclable.

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EUROPEAN SEARCH REPORT

Application Number
EP 00 83 0024

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01, 31 January 1997 (1997-01-31) & JP 08 238162 A (TOA BOSHOKU KK), 17 September 1996 (1996-09-17) * abstract *	11,12, 15-19	D06N7/00 D04H1/46 D04H1/64
X	EP 0 765 960 A (BASF AG) 2 April 1997 (1997-04-02) * page 2, line 26 - line 37; claims *	11,12, 15-19	
Y	* page 4, line 9 - line 55 *		
Y	* page 7, line 34 - line 47 *	1,2,5-10	
Y	BE 1 005 056 A (IVES FARBER) 6 April 1993 (1993-04-06) * page 1, line 18 - page 2, line 6 *	1,2,5-10	
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 540 (C-1115), 29 September 1993 (1993-09-29) & JP 05 148751 A (KOTOBUKIYA FURONTE KK), 15 June 1993 (1993-06-15) * abstract *	1,11	
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 037 (C-680), 24 January 1990 (1990-01-24) & JP 01 272855 A (SAN CHEM KK), 31 October 1989 (1989-10-31) * abstract *	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 February 2003	Examiner Pamies Olle, S
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.**

EP 00 83 0024

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11-02-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 08238162	A	17-09-1996	NONE	
EP 0765960	A	02-04-1997	DE 19535792 A1	27-03-1997
			AU 6580896 A	10-04-1997
			CA 2185161 A1	27-03-1997
			EP 1215324 A2	19-06-2002
			EP 0765960 A2	02-04-1997
			JP 9132853 A	20-05-1997
			US 6458230 B1	01-10-2002
BE 1005056	A	06-04-1993	BE 1005056 A3	06-04-1993
JP 05148751	A	15-06-1993	NONE	
JP 01272855	A	31-10-1989	JP 2785224 B2	13-08-1998

EPO FORM P0459

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