

EUROPEAN PATENT APPLICATION

Application number: **83305892.8**

Int. Cl.⁴: **D 04 H 1/54**

Date of filing: **29.09.83**

Priority: **30.09.82 US 430310**

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Date of publication of application: **18.04.84**
Bulletin 84/16

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Designated Contracting States: **AT BE CH DE FR IT LI LU NL SE**

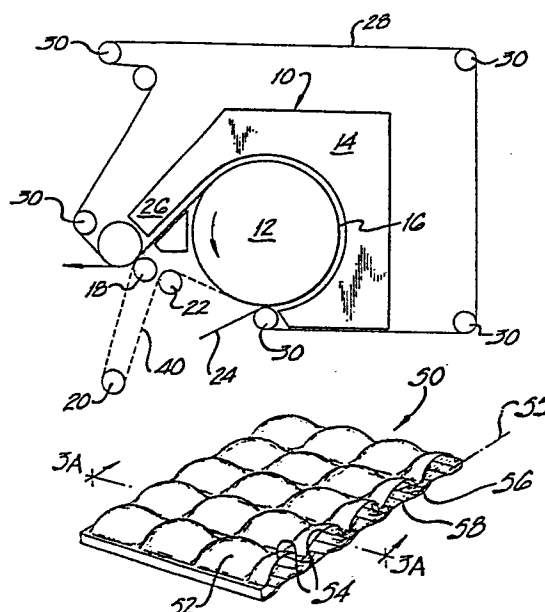
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Open mesh belt bonded fabric.

A process for making an open-mesh belt bonded fabric comprising superimposing a web (24) containing conjugate fibres on a moving open-mesh belt (40) and applying forced heated air to the exposed surface of the web to bend the fibres adjacent the open areas into the open areas and fuse the low-melting point component of the conjugate fibres, thereby bonding the fibres of the web according to the pattern of the open-mesh belt.

A perforated belt (28) can be used to apply the web (24) against the open-mesh belt (40), on the periphery of drum (12).

A high-loft, low-density non-woven fabric (50) is obtained, comprising puffed regions (54) separated by compressed regions (56).





European Patent
Office

EUROPEAN SEARCH REPORT

0105730

Application number

EP 83 30 5892

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. ³)
A	GB-A-1 189 851 (VEPA) * Claims 1-3,5-7; page 1, lines 84-88 *	1-6	D 04 H 1/54
A	--- US-A-3 616 031 (VEPA) * Claims 1-3,11,12,18 *	1-6	
A	--- DE-A-2 644 961 (MONFORTS) * Claims 1,6,8 *	1-6	
A	--- US-A-4 068 036 (ICI) * Claims 1-3,6,7 *	1,4	
A	--- US-A-4 103 058 (MINNESOTA) * Claim 1 *	8,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			D 04 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 31-10-1986	Examiner CATTOIRE V.A.
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	