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① Publication number:

**0 003 481**  
**A3**

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## EUROPEAN PATENT APPLICATION

② Application number: **78101807.2**

⑤ Int. Cl.<sup>2</sup>: **D 21 H 3/78**  
**D 21 D 3/00, C 08 J 5/00**

② Date of filing: **21.12.78**

③ Priority: **02.02.78 US 874458**

④ Date of publication of application:  
**22.08.79 Bulletin 79/17**

⑧ Date of deferred publication of search report: **05.09.79**

⑧ Designated contracting states:  
**DE GB NL SE**

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⑤ **Highly filled sheets and method of preparation thereof.**

⑤ A sheet which is a composite of (A) from about 1 percent to about 30 percent of a water-dispersible fiber such as wood fiber, (B) from about 2 percent to about 30 percent of a film-forming, water-insoluble organic polymer such as a copolymer of styrene and butadiene, and (C) from about 60 percent to about 95 percent of a finely-divided, substantially water-insoluble, non-fibrous, inorganic filler such as magnesium hydroxide is prepared by steps comprising:

- (I) providing an aqueous dispersion of the fiber;
- (II) mixing therewith (A) the inorganic filler and (B) the organic polymer in the form of an ionically stabilized latex;
- (III) colloidally destabilizing the resulting mixture to form a fibrous agglomerate in aqueous suspension;
- (IV) distributing and draining the aqueous dispersion on a porous substrate such as a wire to form a wet web; and
- (V) drying the web.

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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. <sup>3</sup> )
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<u>GB - A - 952 037 (JOHNS-MANVILLE)</u> * Page 1, lines 14-36, 66-70; page 2, lines 56-129; page 3, lines 8-123; page 4, lines 2-75; page 5, lines 9-116; page 6, lines 1-7 * --	1-5, 11	D 21 H 3/78 D 21 D 3/00 C 08 J 5/00
	<u>US - A - 2 769 711 (L.H. WILSON)</u> * Column 1, lines 11-23; column 2, lines 40-64; column 3, line 6 to column 6, line 39; examples 1-5 * --	1-2, 4, 6-7, 9	TECHNICAL FIELDS SEARCHED (Int. Cl. <sup>3</sup> )  D 21 H 3/78 D 21 D 3/00
	<u>GB - A - 818 652 (ARMSTRONG CORK)</u> * Entire document * --	1-2, 4, 6, 9	
	<u>US - A - 3 184 373 (H.F. ARLEDTER)</u> * Column 1, line 18 to column 2, line 59; examples 1-15 * --	1-2, 5, 9, 11	
	<u>DE - B - 1 209 867 (ZELLSTOFFFABRIK WALDHOF)</u> * Entire document * --	1-2, 6-7, 9	CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
	<u>GB - A - 1 042 552 (JAPAN SYNTHETIC RUBBER)</u> * Page 1, line 66 to page 2, line 67; examples 1-2 * --	1-2, 6, 9	
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The present search report has been drawn up for all claims			&: member of the same patent family, corresponding document
Place of search	Date of completion of the search	Examiner	
The Hague	11-05-1979	NESTBY	

DOCUMENTS CONSIDERES COMME PERTINENTS			CLASSEMENT DE LA DEMANDE (Int. Cl. <sup>2</sup> )
Catégorie	Citation du document avec indication, en cas de besoin, des parties pertinentes	Revendication concernée	
A	FR - A - 1 576 802 (TURNER BROTHERS ASBESTOS) * Claims I, 1-12; II *	1	
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A	US - A - 3 738 909 (J. MASKAL et al.) * Claim *	1	
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			DOMAINES TECHNIQUES RECHERCHES (Int. Cl. <sup>2</sup> )