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(71) Applicant: Metso Paper, Inc.
00130 Helsinki (FI)

(72) Inventors:

- Kaihovirta, Juha
40630 Jyväskylä (FI)
- Vestola, Juhani
40630 Jyväskylä (FI)
- Kuhasalo, Antti
40530 Jyväskylä (FI)

(74) Representative: Lahti, Heikki et al
Forssén & Salomaa Oy

Yrjönkatu 30
00100 Helsinki (FI)

(54) Drying section with a coated drying cylinder

(57) The invention relates to paper machines. In particular, the invention concerns an arrangement for improving the beginning of the drying section joined to closed web transfer between the press section and the drying section in a paper machine. The invention is characterised in that in order to achieve less fouling of the drying cylinder (6₁), that is, less formation of fluff, to achieve easier doctorability and better doctoring toler-

ance of the drying cylinder surface in the drying section, the surface of at least the first drying cylinder has a coating (60), which includes a thin preferably hard layer (602) of ceramic material and/or metal ceramic and/or metal, to which the web will adhere weakly, and/or another softer material (603), to which the web will adhere weakly, is absorbed into the drying cylinder surface, whereby separation of the web (W) from the surface of the drying cylinder (6₁) is improved.

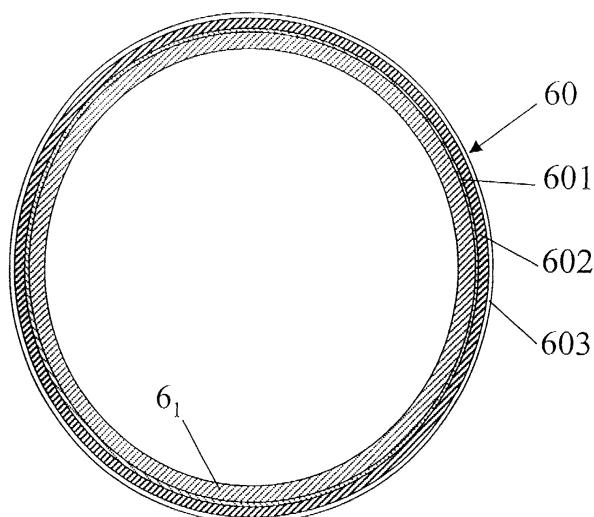


FIG.3.



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 6 049 998 A (LENLING WILLIAM J ET AL) 18 April 2000 (2000-04-18) * abstract; claims; figures * * column 7, line 11 - line 63 * ---	1-4,6-9	D21F5/02 D21F5/04
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A	EP 0 916 763 A (VALMET CORP) 19 May 1999 (1999-05-19) * paragraph '0080!; figure 4 * ----	1	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) D21F
Place of search THE HAGUE		Date of completion of the search 19 April 2002	Examiner Helpiö, T.
CATEGORY OF CITED DOCUMENTS		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	
EPO FORM 1503 03/82 (P04C01)			

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

EP 01 66 0105

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. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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