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### (54) Process for the production of wood-free gloss coated paper

(57) A process for the production of wood-free gloss coated paper with good printability including a stage of preparation of the fibrous substrate and a stage of coating, characterised by the fact that said coating stage includes the application of at least four successive layers

of coating to both sides the paper; and by the fact that subsequently to the application of the last layer of coating, the paper goes to a preparation stage, omitting a calendering stage.

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## EUROPEAN SEARCH REPORT

Application Number  
EP 06 01 6172

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 03/056102 A1 (METSO PAPER INC [FI]; FORS STEFAN [FI]; GROEN JOHAN [FI]; RAUTIAINEN P) 10 July 2003 (2003-07-10) * page 6, lines 3-7; claims 1-15; figures 1-2 *	1-6	INV. D21H23/72 D21H19/84  ADD. D21H19/82 D21H19/36
A	US 2004/058098 A1 (KONDO YUJI [JP] ET AL) 25 March 2004 (2004-03-25) * claims 1-26; figure 3 *	1-11	
A	WO 01/54828 A1 (TETRA LAVAL HOLDINGS & FINANCE [CH]; BERLIN MIKAEL [SE]; BENTMAR MATS) 2 August 2001 (2001-08-02) * the whole document *	1-11	
A	EP 0 734 881 A1 (JUJO PAPER CO LTD [JP]) 2 October 1996 (1996-10-02) * the whole document *	1-11	
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The present search report has been drawn up for all claims			
2	Place of search Munich	Date of completion of the search 20 May 2010	Examiner Karlsson, Lennart
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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