

Title (en)  
MANUFACTURE OF PAPER

Title (de)  
PAPIERHERSTELLUNG

Title (fr)  
FABRICATION DE PAPIER

Publication  
**EP 1109972 A1 20010627 (EN)**

Application  
**EP 99944410 A 19990816**

Priority  

- EP 9905999 W 19990816
- GB 9818917 A 19980828

Abstract (en)  
[origin: WO0012819A1] A process for making paper on a paper-making machine comprising providing a cellulosic thin stock-suspension, flocculating the suspension by adding an aqueous solution of a polymeric retention aid selected from natural and synthetic polymer and thereby forming a flocculated suspension, shearing the flocculated suspension, reflocculating the sheared suspension by adding an aqueous reflocculating suspension, draining the reflocculated suspension through a wire to form a sheet, and drying the sheet, characterised in that substantially fully cooked starch is added to the suspension after the shearing and before the draining.

IPC 1-7  
**D21H 23/14; D21H 21/10**

IPC 8 full level  
**D21H 21/10** (2006.01); **D21H 23/14** (2006.01); **D21H 17/28** (2006.01)

CPC (source: EP KR)  
**D21H 21/10** (2013.01 - EP); **D21H 23/14** (2013.01 - EP KR); **D21H 17/28** (2013.01 - EP)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0012819 A1 20000309; WO 0012819 A8 20010329**; AU 5735799 A 20000321; BR 9913146 A 20010508; CA 2340641 A1 20000309;  
CN 1314962 A 20010926; EP 1109972 A1 20010627; GB 9818917 D0 19981021; HU P0103273 A2 20020128; ID 28511 A 20010531;  
JP 2002525448 A 20020813; KR 20010072977 A 20010731; NO 20010985 D0 20010227; NO 20010985 L 20010424; PL 346277 A1 20020128;  
SK 2722001 A3 20010911; TW 499527 B 20020821

DOCDB simple family (application)  
**EP 9905999 W 19990816**; AU 5735799 A 19990816; BR 9913146 A 19990816; CA 2340641 A 19990816; CN 99810194 A 19990816;  
EP 99944410 A 19990816; GB 9818917 A 19980828; HU P0103273 A 19990816; ID 20010408 A 19980816; JP 2000571073 A 19990816;  
KR 20017002424 A 20010226; NO 20010985 A 20010227; PL 34627799 A 19990816; SK 2722001 A 19990816; TW 88113687 A 19990809