

Title (en)
METHOD FOR THE MANUFACTURE OF PAPER, IN PARTICULAR OF COATED FINE PAPER, AND A PAPER MACHINE LINE IN PARTICULAR FOR THE MANUFACTURE OF COATED FINE PAPER

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PAPIER, INSBESONDERE EINES BESCHICHTETEN FEINPAPIERS, UND PAPIEMASCHINE INSBESONDERE ZUR HERSTELLUNG EINES BESCHICHTETEN FEINPAPIERS

Title (fr)
PROCEDE DE FABRICATION DE PAPIER FIN COUCHE ET LIGNE DE FABRICATION DE PAPIER FIN COUCHE

Publication
EP 1337705 A2 20030827 (EN)

Application
EP 01982514 A 20011109

Priority
• FI 0100976 W 20011109
• US 24691900 P 20001109

Abstract (en)
[origin: WO0238858A2] The present invention relates a method for the manufacture of paper, in particular of coated fine paper, in which method paper stock is fed from a headbox (100) to a wire section (200) in which water is drained from a paper web (W), in which method the paper web (W) is passed from the wire section (200) to a press section (300) to press water out of the paper web (W), and in which method, after the press section (300), the paper web (W) is dried in a dryer section (400), precalendered and coated in a coating station (600), after which the paper web (W) is dried in a drying section (650) and calendered in a final calender (900), and reeled in a reel-up (1000). In the method the stock is fed into the headbox (100) using multilayering technology, the paper web (W) is precalendered in a one or more reinforced-nip calender (500), the paper web (W) is coated in a film coating unit. The invention also relates to a paper machine line in particular for the manufacture of coated fine paper, which line comprises a headbox (100), a wire section (200), a press section (300), a dryer section (400), a precalender (500), a coating station (600) and drying section (680), a final calender (900) and a reel-up (1000). The paper machine line comprises multilayer headbox (100), a one or more reinforced-nip precalender (500), film coating station (600).

IPC 1-7
D21F 1/00

IPC 8 full level
D21F 5/00 (2006.01); **D21F 11/00** (2006.01); **D21H 23/30** (2006.01); **D21H 23/46** (2006.01)

CPC (source: EP US)
D21F 5/00 (2013.01 - EP US); **D21F 11/00** (2013.01 - EP US); **D21H 23/30** (2013.01 - EP US); **D21H 23/46** (2013.01 - EP US)

Citation (search report)
See references of WO 0238858A2

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

DOCDB simple family (publication)
WO 0238858 A2 20020516; WO 0238858 A3 20020906; WO 0238858 A8 20040422; AT E349566 T1 20070115; AU 1407602 A 20020521; DE 60125582 D1 20070208; DE 60125582 T2 20071018; EP 1337705 A2 20030827; EP 1337705 B1 20061227; US 2004060676 A1 20040401

DOCDB simple family (application)
FI 0100976 W 20011109; AT 01982514 T 20011109; AU 1407602 A 20011109; DE 60125582 T 20011109; EP 01982514 A 20011109; US 41632003 A 20030922