

Title (en)
METHOD FOR PRODUCING PAPER, PAPERBOARD AND CARDBOARD

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PAPIER, PAPPE UND KARTON

Title (fr)
PROCEDE DE FABRICATION DE PAPIER, DE CARTON-PATE ET DE CARTON

Publication
EP 1458933 A1 20040922 (DE)

Application
EP 02796579 A 20021206

Priority
• DE 10162052 A 20011217
• EP 0213843 W 20021206

Abstract (en)
[origin: WO03052205A1] The invention relates to a method for producing paper, paperboard and cardboard by draining the pulp on a sieve, in the presence of at least one cationic polymer. Before sheets are formed, a mixture of at least one essentially linear, cationic polyelectrolyte and an optical brightening agent is added to the pulp, said mixture containing at least two parts by weight of the polyelectrolyte per part by weight of the optical brightening agent.

IPC 1-7
D21H 23/04; **D21H 21/30**

IPC 8 full level
D21H 17/45 (2006.01); **D21H 17/34** (2006.01); **D21H 21/30** (2006.01); **D21H 23/04** (2006.01); **D21H 23/10** (2006.01); **D21H 17/47** (2006.01)

CPC (source: EP US)
D21H 17/72 (2013.01 - EP US); **D21H 23/04** (2013.01 - EP US); **D21H 17/47** (2013.01 - EP US); **D21H 21/30** (2013.01 - EP US)

Citation (search report)
See references of WO 03052205A1

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

DOCDB simple family (publication)
WO 03052205 A1 20030626; AU 2002361983 A1 20030630; CA 2469758 A1 20030626; DE 10162052 A1 20030626; EP 1458933 A1 20040922; JP 2005513283 A 20050512; US 2005061461 A1 20050324

DOCDB simple family (application)
EP 0213843 W 20021206; AU 2002361983 A 20021206; CA 2469758 A 20021206; DE 10162052 A 20011217; EP 02796579 A 20021206; JP 2003553070 A 20021206; US 49808504 A 20040610