

Title (en)

CHEMICAL IMPROVEMENT IN PAPER MAKING

Title (de)

CHEMISCHE VERBESSERUNG BEI DER PAPIERHERSTELLUNG

Title (fr)

AMELIORATION D'ORDRE CHIMIQUE DANS LA FABRICATION DU PAPIER

Publication

EP 1702109 A2 20060920 (EN)

Application

EP 04805226 A 20041222

Priority

- FI 2004050195 W 20041222
- FI 20031896 A 20031223

Abstract (en)

[origin: WO2005061796A2] The invention relates to an improvement in the printability of uncoated mechanical pulp paper grades, especially to an improvement in the printability of supercalendered (SC) papers, particularly in rotogravure printing. In the method according to the invention, a mixture of alkyl ketene dimer and styrene maleic acid anhydride co-polymer is applied onto the paper web in connection with supercalendering.

IPC 8 full level

D21H 21/16 (2006.01); **D21H 11/08** (2006.01); **D21H 17/17** (2006.01); **D21H 17/37** (2006.01)

CPC (source: EP US)

D21H 17/72 (2013.01 - EP US); **D21H 21/16** (2013.01 - EP US); **D21H 11/08** (2013.01 - EP US); **D21H 17/17** (2013.01 - EP US);
D21H 17/37 (2013.01 - EP US)

Citation (search report)

See references of WO 2005061796A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005061796 A2 20050707; WO 2005061796 A3 20050909; CA 2549247 A1 20050707; EP 1702109 A2 20060920;
FI 20031896 A0 20031223; US 2007107865 A1 20070517

DOCDB simple family (application)

FI 2004050195 W 20041222; CA 2549247 A 20041222; EP 04805226 A 20041222; FI 20031896 A 20031223; US 58359804 A 20041222