

Title (en)
COMPOSITION AND ITS USE IN PAPERMAKING

Title (de)
ZUSAMMENSETZUNG UND VERWENDUNG BEI DERPAPIERHERSTELLUNG

Title (fr)
COMPOSITION ET SON UTILISATION POUR LA FABRICATION DE PAPIER

Publication
EP 1831462 A2 20070912 (EN)

Application
EP 05816382 A 20051215

Priority
• SE 2005001927 W 20051215
• EP 04107059 A 20041230
• EP 05816382 A 20051215

Abstract (en)
[origin: WO2006071175A2] The invention relates to a composition used for enhancing softness in paper products. The composition comprises (i) an oil, fat or wax (i) at least one non-ionic surfactant (iii) at least one anionic compound selected from anionic microparticles and anionic surfactants (iv) at least one polymer which is cationic, non-ionic or amphoteric wherein the non-ionic surfactant is added in an amount of from about 60 to about 1000 parts by weight per 100 parts by weight of the polymer. The invention also relates to a process for production of paper comprising adding said composition to a cellulosic suspension or to wet or dry paper web.

IPC 8 full level
D21H 23/04 (2006.01); **D21H 21/24** (2006.01); **D21H 23/26** (2006.01)

CPC (source: EP KR)
D21H 17/72 (2013.01 - EP); **D21H 21/24** (2013.01 - EP KR); **D21H 23/04** (2013.01 - EP); **D21H 23/26** (2013.01 - EP KR);
D21H 17/02 (2013.01 - EP); **D21H 17/06** (2013.01 - EP); **D21H 17/09** (2013.01 - EP); **D21H 17/10** (2013.01 - EP); **D21H 17/14** (2013.01 - EP);
D21H 17/60 (2013.01 - EP)

Citation (search report)
See references of WO 2006071175A2

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006071175 A2 20060706; WO 2006071175 A3 20070111; AU 2005322662 A1 20060706; AU 2005322662 B2 20090212;
BR PI0519782 A2 20090317; CA 2594011 A1 20060706; CA 2594011 C 20110809; CN 101094956 A 20071226; CN 101094956 B 20110525;
EP 1831462 A2 20070912; JP 2008527072 A 20080724; JP 4672736 B2 20110420; KR 100919463 B1 20090928; KR 20070101297 A 20071016;
MX 2007006733 A 20070725; NZ 555799 A 20110128; RU 2347030 C1 20090220; ZA 200704974 B 20080925

DOCDB simple family (application)
SE 2005001927 W 20051215; AU 2005322662 A 20051215; BR PI0519782 A 20051215; CA 2594011 A 20051215;
CN 200580045475 A 20051215; EP 05816382 A 20051215; JP 2007549315 A 20051215; KR 20077017587 A 20051215;
MX 2007006733 A 20051215; NZ 55579905 A 20051215; RU 2007128919 A 20051215; ZA 200704974 A 20051215