

Title (en)
SURFACE SIZING OF PAPER

Title (de)
OBERFLÄCHENLEIMUNG VON PAPIER

Title (fr)
COLLAGE EN SURFACE DE PAPIER

Publication
EP 2593604 A1 20130522 (EN)

Application
EP 11730659 A 20110708

Priority

- US 36372210 P 20100713
- EP 10169359 A 20100713
- EP 2011061572 W 20110708
- EP 11730659 A 20110708

Abstract (en)
[origin: WO2012007364A1] The invention relates to a process for the preparation of surface sizing composition comprising separately adding to an aqueous component comprising at least 80 wt% of water: (a) an aqueous dispersion comprising an alkenylsuccinic anhydride (ASA); and, (b) a non-ionic, amphoteric, cationic, or anionic polymer. The invention also relates to a composition obtainable thereby and a process for surface treatment of paper.

IPC 8 full level
D21H 21/16 (2006.01)

CPC (source: EP)
D21H 21/16 (2013.01); **D21H 17/16** (2013.01); **D21H 17/28** (2013.01); **D21H 17/375** (2013.01); **D21H 17/55** (2013.01); **D21H 17/56** (2013.01); **D21H 23/56** (2013.01)

Citation (search report)
See references of WO 2012007364A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2012007364 A1 20120119; EP 2593604 A1 20130522; EP 2593604 B1 20140514; ES 2478492 T3 20140722; PL 2593604 T3 20141031; PT 2593604 E 20140822; SI 2593604 T1 20140829

DOCDB simple family (application)
EP 2011061572 W 20110708; EP 11730659 A 20110708; ES 11730659 T 20110708; PL 11730659 T 20110708; PT 11730659 T 20110708; SI 201130224 T 20110708