

Title (en)

Curtain stabilizers for paper production and processing

Title (de)

Vorhangstabilisatoren für die Papierherstellung und -verarbeitung

Title (fr)

Stabilisateurs de rideaux pour la fabrication et le traitement de papier

Publication

EP 2369054 B1 20121219 (DE)

Application

EP 11154931 A 20110218

Priority

DE 102010003134 A 20100323

Abstract (en)

[origin: EP2369054A1] Curtain-stabilization system comprises (in mass-%): (a) a monoalcohol with 6-16 carbon atoms (0-50); (b) a poly(meth)acrylate (0.1-70); (c) a polyether (3-90); (d1) an ester of a difunctional acid (0.5-60); and/or (d2) a polyglycerol ester, based on the total composition of the curtain-stabilization system (0.5-70). Independent claims are also included for: (1) a curtain coating agent comprising water, at least one binder and the curtain-stabilization system; (2) coating a paper, wood, plastic and/or a metal with the curtain coating agent; and (3) a coated substrate obtained by coating with the coating composition or by the above method.

IPC 8 full level

D21H 19/44 (2006.01); **B05D 1/30** (2006.01); **D21H 21/24** (2006.01); **D21H 23/48** (2006.01)

CPC (source: EP KR)

D21H 19/38 (2013.01 - KR); **D21H 19/44** (2013.01 - EP KR); **D21H 19/56** (2013.01 - KR); **D21H 21/14** (2013.01 - KR); **D21H 21/24** (2013.01 - EP); **D21H 23/48** (2013.01 - EP)

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)

EP 2369054 A1 20110928; **EP 2369054 B1 20121219**; CN 102199901 A 20110928; CN 102199901 B 20150520; DE 102010003134 A1 20110929; JP 2011195838 A 20111006; KR 20110106815 A 20110929

DOCDB simple family (application)

EP 11154931 A 20110218; CN 201110075536 A 20110323; DE 102010003134 A 20100323; JP 2011060122 A 20110318; KR 20110025378 A 20110322