

Title (en)

USE OF POLYMERS CONTAINING VINYLAMINE UNITS AS PROMOTERS FOR ALKYLDIKETENE GLUEING

Title (de)

VERWENDUNG VON VINYLAMINEINHEITEN ENTHALTENDEN POLYMEREN ALS PROMOTER FÜR DIE ALKYLDIKETENLEIMUNG

Title (fr)

UTILISATION DE POLYMERES CONTENANT DES MOTIFS VINYLAMINE COMME PROMOTEUR POUR LE COLLAGE AU MOYEN D'ALKYLDICETENES

Publication

EP 1530659 A1 20050518 (DE)

Application

EP 03793630 A 20030724

Priority

- DE 10237911 A 20020814
- EP 0308089 W 20030724

Abstract (en)

[origin: DE10237911A1] Polymers comprising vinylamine units and having a K value (at 0.5 wt.% in 5% aqueous sodium chloride solution at 25degreesC and pH 7) of 30-150 are used as promoters for bulk sizing of paper with alkyl diketenes.

IPC 1-7

D21H 17/17; D21H 21/16; D21H 23/04

IPC 8 full level

D21H 17/37 (2006.01); **D21H 17/17** (2006.01); **D21H 21/16** (2006.01); **D21H 23/04** (2006.01)

CPC (source: EP US)

D21H 17/17 (2013.01 - EP US); **D21H 21/16** (2013.01 - EP US); **D21H 23/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2004022847A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 10237911 A1 20040226; AU 2003254581 A1 20040329; BR 0313334 A 20050614; CA 2495372 A1 20040318; CN 1675431 A 20050928; EP 1530659 A1 20050518; JP 2005535798 A 20051124; US 2006162883 A1 20060727; WO 2004022847 A1 20040318

DOCDB simple family (application)

DE 10237911 A 20020814; AU 2003254581 A 20030724; BR 0313334 A 20030724; CA 2495372 A 20030724; CN 03819313 A 20030724; EP 0308089 W 20030724; EP 03793630 A 20030724; JP 2004533262 A 20030724; US 52399505 A 20050209