

Title (en)

ADHESIVE COMPOSITION BASED ON POLYMERS AND SACCHARIDES FOR THE FINISHING PROCESS OF A FIBROUS WEB

Title (de)

AUF POLYMEREN UND SACCHARIDEN BASIERENDES KLEBMITTEL ZUR AUSRÜSTUNG EINER FASERSTOFFBAHN

Title (fr)

COMPOSITION ADHESIVE A BASE DE POLYMERES ET DE SACCHARIDES POUR L'ENNOBLISSEMENT D'UNE NAPPE FIBREUSE

Publication

EP 1534796 A1 20050601 (FR)

Application

EP 03763937 A 20030708

Priority

- FR 0302119 W 20030708
- FR 0208707 A 20020710

Abstract (en)

[origin: WO2004007629A1] The invention concerns a method for the finishing process of a fibrous web, characterized in that it consists in applying on said fibrous web a polymer adhesive composition comprising a combination of optionally hydrogenated saccharides, having a low monosaccharide and disaccharide content, a limited polysaccharide content but a sufficiently high oligosaccharide content between DP 3 and DP 9. The invention also concerns a resulting paper or flat cardboard with enhanced physical, mechanical and/or optical properties

IPC 1-7

C09J 103/02; D21H 19/34; D06M 15/03; D21H 19/54; D06M 15/11

IPC 8 full level

D21H 19/10 (2006.01); **C08B 30/12** (2006.01); **C08B 30/18** (2006.01); **C09D 103/02** (2006.01); **C09J 103/02** (2006.01); **D21H 17/24** (2006.01); **D21H 19/34** (2006.01); **D21H 19/54** (2006.01); **D21H 19/12** (2006.01); **D21H 21/16** (2006.01)

CPC (source: EP US)

C08B 30/12 (2013.01 - EP US); **C08B 30/18** (2013.01 - EP US); **C09D 103/02** (2013.01 - EP US); **C09J 103/02** (2013.01 - EP US); **D21H 17/24** (2013.01 - EP US); **D21H 19/34** (2013.01 - EP US); **D21H 19/54** (2013.01 - EP US); **C08L 2666/02** (2013.01 - EP US); **D21H 19/12** (2013.01 - EP US); **D21H 21/16** (2013.01 - EP US); **Y10T 442/3959** (2015.04 - EP US)

Citation (search report)

See references of WO 2004007629A1

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)

FR 2842222 A1 20040116; FR 2842222 B1 20040924; AU 2003264694 A1 20040202; CA 2491875 A1 20040122; CN 1665900 A 20050907; EP 1534796 A1 20050601; JP 2005537397 A 20051208; MX PA05000481 A 20050323; US 2006108081 A1 20060525; WO 2004007629 A1 20040122

DOCDB simple family (application)

FR 0208707 A 20020710; AU 2003264694 A 20030708; CA 2491875 A 20030708; CN 03816221 A 20030708; EP 03763937 A 20030708; FR 0302119 W 20030708; JP 2004520738 A 20030708; MX PA05000481 A 20030708; US 52041505 A 20051004