

Title (en)

POLYVINYL ALCOHOL BASED ABSORBENT ARTICLES WITH VIVID COLORS AND METHODS OF PRODUCING SAME

Title (de)

ABSORPTIONSGEGENSTÄNDE AUF BASIS VON POLYVINYLAALKOHOL UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

ARTICLES ABSORBANTS A BASE D' ALCOOL POLYVINYLIQUE A COULEURS VIVES ET TECHNIQUES DE PRODUCTION

Publication

EP 1000188 B1 20021030 (EN)

Application

EP 97935260 A 19970731

Priority

US 9713577 W 19970731

Abstract (en)

[origin: WO9906622A1] Vividly colored absorbent articles useful as wiping articles and a method for their manufacture. A preferred article is characterized by (a) a nonwoven web comprised of organic fibers having a plurality of pendant hydroxyl groups; (b) a binder comprising a cross-linked polyvinyl alcohol and a hydrophobic polymer coated on at least a portion of the fibers, (c) pigment distributed within the binder.

IPC 1-7

D04H 1/64

IPC 8 full level

A47L 13/10 (2006.01); **A47L 13/16** (2006.01); **D04H 1/4258** (2012.01); **D04H 1/4282** (2012.01); **D04H 1/54** (2006.01); **D04H 1/60** (2006.01); **D04H 1/64** (2006.01); **D06M 15/333** (2006.01); **D06N 3/00** (2006.01); **D06M 101/00** (2006.01); **D06M 101/02** (2006.01); **D06M 101/06** (2006.01); **D06M 101/16** (2006.01); **D06M 101/18** (2006.01)

CPC (source: EP)

D04H 1/4258 (2013.01); **D04H 1/4282** (2013.01); **D04H 1/60** (2013.01); **D04H 1/64** (2013.01)

Cited by

WO2012103876A2; WO2022167454A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9906622 A1 19990211; AU 3824497 A 19990222; AU 734446 B2 20010614; CA 2296490 A1 19990211; DE 69716773 D1 20021205; DE 69716773 T2 20030703; EP 1000188 A1 20000517; EP 1000188 B1 20021030; JP 2001512190 A 20010821

DOCDB simple family (application)

US 9713577 W 19970731; AU 3824497 A 19970731; CA 2296490 A 19970731; DE 69716773 T 19970731; EP 97935260 A 19970731; JP 2000505357 A 19970731