

Title (en)
METHOD FOR PRODUCING COATED PAPER FOR PRINTING

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES BESCHICHTETEN DRUCKPAPIERS

Title (fr)
PROCEDE DE PRODUCTION DE PAPIER COUCHE POUR IMPRESSION

Publication
EP 1467022 A4 20080730 (EN)

Application
EP 03701102 A 20030116

Priority

- JP 0300314 W 20030116
- JP 2002006829 A 20020116
- JP 2002093393 A 20020329
- JP 2002197006 A 20020705
- JP 2002230896 A 20020808

Abstract (en)

[origin: EP1467022A1] The present invention provides a method for producing coated papers for printing having good coating runnability during film transfer coating, good print gloss and ink density and excellent printability, and also provides the resulting coated papers. <??>Disclosed is a method for producing a coated paper for offset printing or gravure printing by applying a coating color containing a pigment and an adhesive on a base paper, wherein the coating color containing 0.1 parts by weight or more and less than 2.0 parts by weight of polyvinyl alcohol (PVA) per 100 parts by weight of the pigment is applied by the film transfer method and preferably the coating weight per side is 7 g/m<2> or more. For coated papers for web offset printing, the coating color contains less than 2.0 parts by weight of a starch as an adhesive.

IPC 8 full level
D21H 19/44 (2006.01); **D21H 19/36** (2006.01); **D21H 19/54** (2006.01); **D21H 19/60** (2006.01); **D21H 23/22** (2006.01); **D21H 23/46** (2006.01); **D21H 23/56** (2006.01)

CPC (source: EP)
D21H 19/44 (2013.01); **D21H 19/54** (2013.01); **D21H 19/60** (2013.01); **D21H 23/46** (2013.01); **D21H 23/56** (2013.01)

Citation (search report)

- [XY] DE 4400609 A1 19950713 - HAINDL PAPIER GMBH [DE]
- [XY] WO 0201000 A1 20020103 - JUJO PAPER CO LTD [JP], et al
- [Y] US 6197155 B1 20010306 - WURSTER HARTMUT [DE], et al
- [Y] US 5527852 A 19960618 - MARUYAMA HITOSHI [JP], et al
- [A] WO 9729239 A1 19970814 - VALMET CORP [FI], et al
- [A] US 5783038 A 19980721 - DONIGIAN DOUGLAS WARD [US], et al
- [A] DATABASE WPI Week 199806, Derwent World Patents Index; AN 1998-059692, XP002470103
- See references of WO 03060232A1

Cited by
US8349465B2; US7981477B2; WO2010141829A1; WO2006093497A1; WO2013026788A3

Designated contracting state (EPC)
DE FI

DOCDB simple family (publication)
EP 1467022 A1 20041013; **EP 1467022 A4 20080730**; AU 2003203172 A1 20030730; CN 1296559 C 20070124; CN 1633534 A 20050629; JP 4266829 B2 20090520; JP WO2003060232 A1 20050519; WO 03060232 A1 20030724

DOCDB simple family (application)
EP 03701102 A 20030116; AU 2003203172 A 20030116; CN 03804101 A 20030116; JP 0300314 W 20030116; JP 2003560305 A 20030116