

Title (en)
Web printing paper having coldset suitability

Title (de)
Rollendruckpapier mit Coldset-Eignung

Title (fr)
Papier pour rotative susceptible de sécher à froid

Publication
EP 0785307 A2 19970723 (DE)

Application
EP 97100574 A 19970116

Priority
DE 19601245 A 19960116

Abstract (en)
A coated roll printing paper suitable for printing with cold-set offset printing inks is based on paper containing paper fibres and mineral filler and has a coating containing ground calcium carbonate (CaCO₃) pigment in a synthetic binder. The novel features are that: (a) not less than 50 wt.% of the pigment is a natural ground CaCO₃; (b) all the pigment has a fineness of not less than 80% being less than 2 µm; and (c) the dry binder fraction is less than 13 wt.% with respect to the pigment. Also claimed is a method of making the paper.

Abstract (de)
Beschrieben wird ein gestrichenes Rollendruckpapier für das Bedrucken mit Coldset-Offset-Druckfarben, welches zu einem Druckergebnis führt, welches mit dem Ergebnis von herkömmlichen LWC-Mattqualitäten vergleichbar ist. Das Papier ist charakterisiert durch einen Anteil eines Calciumcarbonats im Streichpigment und ein bestimmtes Wasseraufnahmeverhalten und ein bestimmtes Farbwegschlagverhalten.

IPC 1-7
D21H 19/38; **D21H 19/58**

IPC 8 full level
D21H 19/38 (2006.01); **D21H 19/58** (2006.01); **D21H 19/50** (2006.01); **D21H 19/54** (2006.01); **D21H 21/52** (2006.01)

CPC (source: EP)
D21H 19/385 (2013.01); **D21H 19/50** (2013.01); **D21H 19/54** (2013.01); **D21H 19/58** (2013.01); **D21H 21/52** (2013.01)

Citation (applicant)
• EP 0377983 A2 19900718 - JUJO PAPER CO LTD [JP]
• DE 19601245 A1 19970717 - HAINDL PAPIER GMBH [DE]

Cited by
US10053817B2; US10294371B2; US10975242B2; US8349465B2; EP0908560A1; EP1700952A4; US6197155B1; US7901542B2; WO2010141829A1; WO2005088012A1; WO2004074576A1; US10301774B2; US10982387B2; US6391155B1; EP2474668A1; US10794006B2; US11572659B2; US10253457B2; US11136721B2; US11155697B2; US11655594B2; US10100467B2; US10633796B2; EP2474667A1; US10100464B2; US11162219B2; US11377791B2; US11732411B2; US11970817B2; US10577469B2; US11384210B2; US11932740B2; US10214859B2; US10801162B2; US11274399B2; US11732421B2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)
EP 0785307 A2 19970723; **EP 0785307 A3 19990915**; **EP 0785307 B1 20020911**; AT E223986 T1 20020915; AU 1019697 A 19970724; AU 726536 B2 20001109; DE 19601245 A1 19970717; DE 59708150 D1 20021017; DK 0785307 T3 20030120; ES 2180827 T3 20030216; JP H09291497 A 19971111; KR 100489984 B1 20050830; KR 970059376 A 19970812; NO 323580 B1 20070611; NO 970150 D0 19970114; NO 970150 L 19970717; NZ 314045 A 19990329; PT 785307 E 20030131

DOCDB simple family (application)
EP 97100574 A 19970116; AT 97100574 T 19970116; AU 1019697 A 19970116; DE 19601245 A 19960116; DE 59708150 T 19970116; DK 97100574 T 19970116; ES 97100574 T 19970116; JP 580997 A 19970116; KR 19970001084 A 19970116; NO 970150 A 19970114; NZ 31404597 A 19970109; PT 97100574 T 19970116