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 A3 19990915 (DE)

Application

EP 97100574 A 19970116

Priority

DE 19601245 A 19960116

Abstract (en)

[origin: EP0785307A2] 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 mu m; 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.

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 (search report)

- [X] DE 3014619 A1 19801106 - KANZAKI PAPER MFG CO LTD
- [X] DE 2943652 A1 19810430 - PLUSS STAUFFER AG [CH]
- [DX] EP 0377983 A2 19900718 - JUJO PAPER CO LTD [JP]
- [A] EP 0625611 A1 19941123 - PLUSS STAUFFER AG [CH]

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; US10577469B2; US11384210B2; US11932740B2; EP2474667A1; US10100464B2; US11162219B2; US11377791B2; US11732411B2; US11970817B2; US10214859B2; US10801162B2; US11274399B2; US11732421B2

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DOCDB simple family (application)

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