

Title (en)
Improved printability paperboards

Title (de)
Kartons mit verbesserter Bedruckbarkeit

Title (fr)
Cartons à imprimabilité améliorée

Publication
EP 0648894 B1 19990217 (EN)

Application
EP 94307214 A 19941003

Priority
GB 9321171 A 19931013

Abstract (en)
[origin: EP0648894A1] Paperboard of the kind used for making business cards, invitation cards, menu cards, report covers and the like is surface enhanced by the application of a low coatweight (typically 1 to 5 g m⁻²) coating of (a) a pigment having an oil absorbency of at least about 80 g/ 100 g pigment, and (b) a binder. The pigment is preferably an aluminosilicate, a symthetic amorphous silica, a calciumed kaolin, or an acid-washed montmorillonite clay, and the binder is preferably a styrene-butadiene latex. The coating reduces set-off and enhances print density after offset printing whilst not substantially affecting the aesthetic character of the product compared with conventional uncoated paperboard.

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D21H 19/72; **D21H 19/40**

IPC 8 full level
D21H 19/40 (2006.01); **D21H 19/58** (2006.01)

CPC (source: EP)
D21H 19/40 (2013.01); **D21H 19/58** (2013.01)

Citation (examination)
• EP 0377983 A2 19900718 - JUJO PAPER CO LTD [JP]
• J.P. CASEY: "Pulp and paper; Chemistry and chemical technology, 3rd edition, vol. IV", JOHN WILEY & SONS, NEW YORK
• "Paper vocabulary - SIS Handbook 146", SIS - STANDARDISERINGSKOMMISSIONEN I SVERIGE, STOCKHOLM, SWEDEN

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