

Title (en)

Metal-coated paper and process for its manufacture.

Title (de)

Metallbeschichtetes Papier und Verfahren zu seiner Herstellung.

Title (fr)

Papier revêtu de métal et procédé pour sa fabrication.

Publication

EP 0132668 A1 19850213 (DE)

Application

EP 84107963 A 19840707

Priority

- DE 3326457 A 19830722
- DE 8321150 U 19830722

Abstract (en)

[origin: US4729909A] A process for production of a metal-coated paper, such as for use in cigarette packs having a metal coating containing a binding agent which is applied to a paper backing material by a printing process. The coating includes particles which have a flake structure and which can be fully wetted by the binding agent, as a result of which the particles of metal are so firmly embedded into the coating as to provide sufficient abrasion resistance to permit the resulting composite paper to be used in a high-speed automatic packaging machine. In this process for producing such a paper, a tool is pressed against and passed over the metal coating while still moist to smooth out the metal coating, whereupon the metal coating is dried.

Abstract (de)

Ein Papier mit einer abriebfesten Metallbeschichtung, insbesondere zur Verwendung als Zigaretten-Einwickel-Papier in Zigaretten-Verpackungen, wird hergestellt im Tiefdruckverfahren (2, 4) durch Beschichtung des Papiers (3) mit einer Zusammensetzung, die Blättchenstruktur aufweisende, durch das Bindemittel voll benetzbare Metallteilchen, Z.B. sogenannte "non leafing" - Metallpigmente, enthält.

IPC 1-7

D21H 1/16

IPC 8 full level

B65D 65/02 (2006.01); **B05D 1/40** (2006.01); **B32B 15/12** (2006.01); **B65D 85/10** (2006.01); **D21H 19/06** (2006.01)

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B05D 1/40 (2013.01 - EP US); **D21H 19/06** (2013.01 - EP US); **Y10T 428/24909** (2015.01 - EP US); **Y10T 428/24934** (2015.01 - EP US); **Y10T 428/256** (2015.01 - EP US); **Y10T 428/257** (2015.01 - EP US); **Y10T 428/258** (2015.01 - EP US); **Y10T 428/277** (2015.01 - EP US); **Y10T 428/31993** (2015.04 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 4729909 A 19880308; CA 1210283 A 19860826; DE 3326457 A1 19850207; DE 3326457 C2 19930603; DE 8321150 U1 19831027; DK 155957 B 19890605; DK 155957 C 19891030; DK 357984 A 19850123; DK 357984 D0 19840720; EP 0132668 A1 19850213; EP 0132668 B1 19861126; ES 534522 A0 19851201; ES 8603003 A1 19851201; HK 87788 A 19881104; IE 55652 B1 19901205; IE 841750 L 19850122; JP S6045694 A 19850312; JP S6348999 B2 19881003; ZA 845637 B 19850227

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US 93196786 A 19861118; CA 459424 A 19840720; DE 3326457 A 19830722; DE 8321150 U 19830722; DK 357984 A 19840720; EP 84107963 A 19840707; ES 534522 A 19840720; HK 87788 A 19881027; IE 175084 A 19840709; JP 15113684 A 19840720; ZA 845637 A 19840720