

Title (en)

Method of manufacture of highly reflective metallized paper.

Title (de)

Verfahren zur Herstellung eines hochglänzenden, metallisierten Papiers.

Title (fr)

Procédé de fabrication d'un papier métallisé, hautement réfléchissant.

Publication

**EP 0267395 A2 19880518 (EN)**

Application

**EP 87113933 A 19870923**

Priority

US 91917386 A 19861015

Abstract (en)

Coated paper substrates having a high gloss suitable for vacuum metallization are manufactured by a direct coating method which comprises laminating an interleaving film and the thermoplastic resin-coated surface of a paper substrate employing suitable temperatures and pressure to render the thermoplastic flowable and thereafter nonflowable. The interleaving film is then stripped away leaving the resin-coated paper substrate with a high specular gloss which can thereafter be vacuum metallized. Similar high gloss paper substrates are also provided by a transfer coating process which comprises laminating a paper substrate and the thermoplastic resin-coated surface of a transfer film employing sufficient temperatures and pressure to first render the thermoplastic resin flowable and then nonflowable and thereafter stripping away the transfer film. Paper substrates having 75 DEG specular gloss readings of at least 85 prepared by a process of this invention are then vacuum metallized resulting in the manufacture of highly reflective metallized paper.

IPC 1-7

**D21H 1/48**; **D21H 1/18**; **D21H 5/00**

IPC 8 full level

**B32B 27/10** (2006.01); **D21H 19/02** (2006.01); **D21H 19/08** (2006.01); **D21H 27/30** (2006.01)

CPC (source: EP)

**D21H 5/004** (2013.01); **D21H 19/08** (2013.01); **D21H 23/64** (2013.01)

Designated contracting state (EPC)

AT DE FR GB IT NL

DOCDB simple family (publication)

**EP 0267395 A2 19880518**; **EP 0267395 A3 19880921**; AU 580725 B2 19890127; AU 7979687 A 19880428; JP S63112792 A 19880517

DOCDB simple family (application)

**EP 87113933 A 19870923**; AU 7979687 A 19871015; JP 25848387 A 19871015