

Title (en)
Process for making cardboard having antislip properties

Title (de)
Verfahren zur Herstellung von Gleitschutzpappe

Title (fr)
Procédé pour la réalisation de carton muni de propriétés anti-glisse

Publication
EP 0668396 B1 19990609 (FR)

Application
EP 95420019 A 19950126

Priority
FR 9402139 A 19940217

Abstract (en)
[origin: EP0668396A1] For the prodn. of corrugated cardboard, with at least one non-slip surface, the paper is coated with a material containing water or a solvent with a thermoplastic resin. The resin contains hollow microcapsules with a thermoplastic polymer shell. They contain one or more volatile liquids. The coating is effected at a temp. lower than the liquid phase change or vol. expansion temp. The coated paper (12) is dried at a temp. to evaporate the water or solvent in the coating, but at a lower temp. than that which expands the micro capsules. The dry coated paper is fed to a corrugated cardboard prodn. machine, with the coated surface presented to form an outer surface of the cardboard. The corrugated cardboard is heated to bond the adhesive between the layers (12, 16, 20) and expand the micro capsules in the coating, while softening the resin and polymer shells to take up their expansion.

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D21H 21/54; **D21H 27/40**

IPC 8 full level
D21H 21/54 (2006.01); **D21H 27/40** (2006.01)

CPC (source: EP)
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Cited by
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