

Title (en)

Process for producing banknotes

Title (de)

Verfahren zur Herstellung von Banknoten

Title (fr)

Procédé pour la fabrication de billets de banque

Publication

**EP 0860297 B1 20011031 (EN)**

Application

**EP 98102976 A 19980220**

Priority

- EP 98102976 A 19980220
- EP 97102773 A 19970220

Abstract (en)

[origin: EP0860297A1] Paper printed with ink is covered with a protective coating whose composition essentially consists of water, 15-45 wt% (preferably 20-30 wt%) of at least one emulsified acrylic (co)polymer of the air-drying or UV-curing type, and when using an air-drying acrylic (co)polymer 0.8-2.0 wt% (preferably 1.2-1.6 wt%) of wax (preferably polyethylene wax), in addition to the usual additives. Said composition is applied on printed paper (particularly on thin paper, i.e. 100 g/m<sup>2</sup> or lower, generally 75 to 95 g/m<sup>2</sup>) in an amount such as to obtain a dry film weight of 1.5-5 g/m<sup>2</sup> (preferably 2-3 g/m<sup>2</sup>) then subjected to air-drying followed where applicable by UV-curing. Acrylic (co)polymers of the UV-curing type are preferred because they provide more resistant coatings.

IPC 1-7

**B41M 7/00**; D21H 19/18; D21H 19/20

IPC 8 full level

**B41M 7/00** (2006.01)

CPC (source: EP)

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Cited by

GB2419110A; US7073762B2; WO0197166A1

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