

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 A1 19980826 (EN)**

Application  
**EP 98102976 A 19980220**

Priority  
• EP 98102976 A 19980220  
• EP 97102773 A 19970220

Abstract (en)  
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)  
**B41M 7/0036** (2013.01); **B41M 7/0045** (2013.01); **B41M 7/0081** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0860296 A1 19980826**; AT E207818 T1 20011115; DE 69802216 D1 20011206; DE 69802216 T2 20020627; DK 0860297 T3 20020218; EP 0860297 A1 19980826; EP 0860297 B1 20011031; ES 2166113 T3 20020401; PT 860297 E 20020429

DOCDB simple family (application)  
**EP 97102773 A 19970220**; AT 98102976 T 19980220; DE 69802216 T 19980220; DK 98102976 T 19980220; EP 98102976 A 19980220; ES 98102976 T 19980220; PT 98102976 T 19980220