

Title (en)
Security printing machine

Title (de)
Sicherheitsdruckmaschine für Wertpapiere

Title (fr)
Machine d'impression de sécurité sur des papiers-valeur

Publication
EP 0985548 B1 20021023 (FR)

Application
EP 99810740 A 19990818

Priority
CH 183498 A 19980908

Abstract (en)
[origin: EP0985548A1] The printing machine produces a number of components common to different types of secure printing. The common elements are formed by screen printing with a screen-carrier drum (3) co-operating with a pressure drum (4). The printed item then passes through a drier (5) followed by a transfer cylinder (6) and a second pressure cylinder (7) that co-operates with a security mark printer (13).

IPC 1-7
B42D 15/10

IPC 8 full level
B41F 11/02 (2006.01); **B41F 15/08** (2006.01); **B41F 19/06** (2006.01); **B41L 13/06** (2006.01); **B41M 3/14** (2006.01); **B42D 25/328** (2014.01)

CPC (source: EP KR US)
B41F 11/02 (2013.01 - KR); **B41F 19/062** (2013.01 - EP US); **B42D 25/328** (2014.10 - EP US); **B41P 2219/51** (2013.01 - EP US)

Cited by
EP2008819A1; EP1864798A1; US8105455B2; EP1197332A1; AU2001250231B2; EP1832422A3; KR100680732B1; AU2001250231C1; US6595130B2; WO0185457A1; WO2009074571A1; WO2009074670A1; US7096784B2; EP1832422A2; US7273008B2; EP2138437A1; EP2383213A1; US9156245B2; US9387667B2; WO2012143355A1; EP2896405A1; EP1142712B2

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

DOCDB simple family (publication)
EP 0985548 A1 20000315; **EP 0985548 B1 20021023**; AT E226520 T1 20021115; AU 4467899 A 20000316; AU 747123 B2 20020509; CA 2280646 A1 20000308; CA 2280646 C 20080603; CN 1163349 C 20040825; CN 1250719 A 20000419; DE 69903603 D1 20021128; DE 69903603 T2 20030814; JP 2000085096 A 20000328; KR 100579020 B1 20060512; KR 20000022968 A 20000425; RU 2214922 C2 20031027; UA 49054 C2 20020916; US 6302016 B1 20011016

DOCDB simple family (application)
EP 99810740 A 19990818; AT 99810740 T 19990818; AU 4467899 A 19990824; CA 2280646 A 19990825; CN 99118636 A 19990908; DE 69903603 T 19990818; JP 24866799 A 19990902; KR 19990038019 A 19990908; RU 99119315 A 19990907; UA 99094951 A 19990906; US 38581199 A 19990830