

Title (en)
WATERMARKING APPARATUS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG EINES WASSERZEICHENS

Title (fr)
APPAREIL A FILIGRANER

Publication
EP 0666801 B1 19980121 (EN)

Application
EP 93921058 A 19931001

Priority

- IE 9300052 W 19931001
- IE 922698 A 19921001

Abstract (en)
[origin: WO9407694A1] An apparatus (10) for chemically watermarking paper which comprises a nip roller (11); a first coater roller (12); a second coater roller (13); an impression cylinder roller (15); and a die cylinder roller (16) in the form of a rotary shell (18). The impression cylinder roller (15) acts as an impression cylinder roller for the watermarking apparatus of a printing means so that paper, preferably in discrete, may first be printed and then watermarked or vice versa in an essentially single step operation.

IPC 1-7
B41F 11/02; B41M 3/10

IPC 8 full level
B41F 11/02 (2006.01); **B41M 3/10** (2006.01)

CPC (source: EP)
B41F 11/02 (2013.01); **B41M 3/10** (2013.01)

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

DOCDB simple family (publication)
WO 9407694 A1 19940414; AT E162466 T1 19980215; AU 4833293 A 19940426; DE 69316644 D1 19980226; DE 69316644 T2 19980827;
EP 0666801 A1 19950816; EP 0666801 B1 19980121

DOCDB simple family (application)
IE 9300052 W 19931001; AT 93921058 T 19931001; AU 4833293 A 19931001; DE 69316644 T 19931001; EP 93921058 A 19931001