

Title (en)
INK SPRAYING DEVICE

Publication
EP 0392406 A3 19910605 (DE)

Application
EP 90106730 A 19900407

Priority
DE 3911839 A 19890411

Abstract (en)
[origin: US4998474A] A flush inking unit for a screened surface ink fountain roller utilizes an inking groove spaced from and located within a housing to supply ink to the ink fountain roller. Ink dividing plates of the ink groove are spaced from the surface of the ink fountain roller. Printing ink which is supplied to the inking groove and which passes out of the groove through the spaces between the ink dividing plates and the roller is collected in the housing and returned to an ink supply reservoir.

IPC 1-7
B41F 31/02

IPC 8 full level
B41F 31/08 (2006.01); **B41F 31/00** (2006.01); **B41F 31/02** (2006.01); **B41F 31/28** (2006.01)

CPC (source: EP US)
B41F 31/027 (2013.01 - EP US)

Citation (search report)

- [AD] DE 3320638 A1 19850103 - KOENIG & BAUER AG [DE]
- [A] US 4165688 A 19790828 - JORGENSEN ALLEN R [US], et al

Cited by
EP0663293A1; US5560294A; FR2676963A1

Designated contracting state (EPC)
CH DE FR GB IT LI SE

DOCDB simple family (publication)
US 4998474 A 19910312; DE 3911839 A1 19901018; DE 59006393 D1 19940818; EP 0392406 A2 19901017; EP 0392406 A3 19910605; EP 0392406 B1 19940713; JP H02293149 A 19901204; JP H07102689 B2 19951108; SU 1743342 A3 19920623

DOCDB simple family (application)
US 49972490 A 19900327; DE 3911839 A 19890411; DE 59006393 T 19900407; EP 90106730 A 19900407; JP 9236690 A 19900409; SU 4743655 A 19900410