

Title (en)  
SHORT OFFSET-INKING UNIT

Publication  
**EP 0251004 A3 19890419 (DE)**

Application  
**EP 87108571 A 19870613**

Priority  
DE 3622550 A 19860704

Abstract (en)  
[origin: US4790243A] An offset short inking unit includes a screen surface ink fountain roller that is supplied with ink and that transfers the ink to one or more printing plates. Dampening fluid is also supplied to the printing plates from a dampening unit. One or more dampening fluid separation units are placed in contact with the surface of the screened ink fountain roller and operate to remove any residual dampening fluid from the screen roller before this residual dampening fluid can find its way into the fresh ink supply in the ink fountain.

IPC 1-7  
**B41F 31/00**

IPC 8 full level  
**B41F 31/02** (2006.01); **B41F 7/24** (2006.01); **B41F 31/00** (2006.01); **B41F 31/04** (2006.01); **B41F 31/08** (2006.01)

CPC (source: EP US)  
**B41F 31/007** (2013.01 - EP US)

Citation (search report)

- [Y] US 4407196 A 19831004 - MATALIA HARSHAD D [US], et al
- [Y] DE 1961614 A1 19710616 - KOENIG & BAUER SCHNELLPRESSFAB
- [A] US 4527471 A 19850709 - DAHLGREN HAROLD P [US], et al
- [A] GB 755417 A 19560822 - ROBERT CARTER TUCKER JR, et al
- [AD] EP 0071180 A1 19830209 - WINDMOELLER & HOELSCHER [DE]

Cited by  
EP0761437A1; DE19734101A1; DE4121017A1; US5181470A

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0251004 A2 19880107; EP 0251004 A3 19890419**; DD 257799 A5 19880629; DE 3622550 A1 19880107; DE 3622550 C2 19940505; JP S6325040 A 19880202; SU 1563585 A3 19900507; US 4790243 A 19881213

DOCDB simple family (application)  
**EP 87108571 A 19870613**; DD 30453787 A 19870702; DE 3622550 A 19860704; JP 16412587 A 19870702; SU 4202848 A 19870630; US 6797887 A 19870630