

Title (en)
SHORT-INKING DEVICE

Publication
EP 0278225 A3 19900523 (DE)

Application
EP 88100219 A 19880109

Priority
DE 3704433 A 19870212

Abstract (en)
[origin: EP0278225A2] In a short-inking device with at least one transfer roll designed as a screen printing roll (3), a compact form of construction together with a reliable and precise inking operation is achieved by the provision of at least two mutually offset doctor blades (11, 12) the provision of in the circumferential direction of the screen printing roll (3), both of which lie against the circumference of the screen printing roll (3) with a negative incident angle and which limit in the circumferential direction an ink chamber (13) sealed by impermeable side pieces lying against the screen printing roll (3), and by the provision in the area of the walls of the ink chamber (13), of at least one inflow aperture (19) which can be connected to an ink supply (16) in a pressure-tight manner, and of at least one overflow opening (24 or 35). <IMAGE>

IPC 1-7
B41F 31/20

IPC 8 full level
B41F 31/02 (2006.01); **B41F 31/20** (2006.01)

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

Citation (search report)

- [X] GB 1230020 A 19710428
- [X] EP 0199520 A2 19861029 - VICKERS PLC [GB], et al
- [X] US 4590855 A 19860527 - SCHOMMER DAVID L [US], et al
- [X] US 4581995 A 19860415 - STONE REX D [US]
- [Y] US 2018193 A 19351022 - JAMES SMITH ERNEST
- [Y] FR 1437855 A 19660506 - BONNIERFOERETAGEN AB
- [Y] US 2226311 A 19401224 - KARL KLINGLER
- [Y] FR 1239121 A 19600819
- [A] EP 0128411 A2 19841219 - KOENIG & BAUER AG [DE]
- [A] EP 0071180 A1 19830209 - WINDMOELLER & HOELSCHER [DE]
- [A] US 4625643 A 19861202 - DAVIS WILLIAM F [US]

Cited by
US5224420A; EP0324141A3; EP0324140A3; EP0461426A3; EP0870609A3; EP0453910A1; EP0350839A3; FR2690382A1; DE102005041187A1; EP0422350A3; US5111747A; DE102005041185A1; FR2690381A1; GB2257947A; FR2676963A1; US5272976A; GB2257947B; EP0368485A3; US5054392A; WO9207719A1; EP0315091B1; EP0324139B1

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

DOCDB simple family (publication)
EP 0278225 A2 19880817; EP 0278225 A3 19900523; EP 0278225 B1 19930407; DE 3704433 A1 19880825; DE 3704433 C2 19890119; DE 3853686 D1 19950601; DE 3879982 D1 19930513; EP 0458371 A1 19911127; EP 0458371 B1 19950426; US 5058502 A 19911022

DOCDB simple family (application)
EP 88100219 A 19880109; DE 3704433 A 19870212; DE 3853686 T 19880109; DE 3879982 T 19880109; EP 91112554 A 19880109; US 60783690 A 19901031