

Title (en)
INK RAIL INKING DEVICE

Publication
EP 0374710 B1 19930519 (DE)

Application
EP 89123008 A 19891213

Priority
DE 3843017 A 19881221

Abstract (en)
[origin: EP0374710A2] An ink rail inking device, having at least one chamber-type ink rail which can be set on a screened cylinder, comprises an ink chamber consisting of a U-shaped basic body, two side walls and at least one doctor blade which bends when set towards the side wall. In order to achieve wear-free lateral boundaries for the chamber-type ink rail when using printing inks having a dynamic viscosity of more than 1 dPas, each of the two side walls forms a gap of 0.1 to 3 mm with the screened cylinder in the operating position. The doctor blade is pressed in a sealing manner against the two side walls, the side walls below the end of the doctor blade facing the screened cylinder being provided with a sloping surface to form a wedge-shaped gap with the doctor blade. Arranged in front of the two lateral end faces of the doctor blade there is in each case a run-off plate extending in the direction towards an ink trough arranged below the chamber-type ink rail. <IMAGE>

IPC 1-7
B41F 31/02

IPC 8 full level
B41F 31/08 (2006.01); **B41F 31/02** (2006.01); **B41F 31/06** (2006.01)

CPC (source: EP US)
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Cited by
EP2602111A1; FR2690382A1; FR2690381A1; EP0453910A1

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EP 0374710 A2 19900627; EP 0374710 A3 19901212; EP 0374710 B1 19930519; CA 2005454 A1 19900621; CA 2005454 C 19930413; DE 3843017 C1 19900523; DE 58904437 D1 19930624; JP 2766008 B2 19980618; JP H02206553 A 19900816; US 4982660 A 19910108

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