

Title (en)
Ink rail device

Title (de)
Kammerrakel

Title (fr)
Chambre de racle

Publication
EP 0453910 B1 19960731 (DE)

Application
EP 91105899 A 19910413

Priority
DE 4012825 A 19900423

Abstract (en)
[origin: EP0453910A1] In an inking unit for a rotary printing machine with an engraved roller (2) and an ink rail device arrangement (3), there are provided two doctor blade leaves (7, 8) which are mutually offset in the circumferential direction, received on a doctor blade holder (4,6) and have such a small thickness and are arranged with such a great free bending length that they react sensitively to small coloured impression differences in the inking chamber (9) and form a gap (s) the length of the inking chamber on a closing doctor blade side in the event of colour overprinting.

IPC 1-7
B41F 9/06; **B41F 31/02**

IPC 8 full level
B41F 31/20 (2006.01); **B41F 9/06** (2006.01); **B41F 31/02** (2006.01); **B41F 31/08** (2006.01)

CPC (source: EP US)
B41F 9/065 (2013.01 - EP US); **B41F 31/027** (2013.01 - EP US)

Citation (examination)

- DE 3704433 A1 19880825 - FRANKENTHAL AG ALBERT [DE]
- EP 0350839 A2 19900117 - FISCHER & KRECKE GMBH & CO [DE]

Cited by
EP0567907A1; DE29807941U1; EP0567909A1; US5388515A; EP2110182A3

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

DOCDB simple family (publication)
EP 0453910 A1 19911030; **EP 0453910 B1 19960731**; DE 4012825 A1 19911024; DE 4012825 C2 19930812; DE 59108041 D1 19960905; JP 2965736 B2 19991018; JP H04224959 A 19920814; RU 1830007 C 19930723; US 5168806 A 19921208

DOCDB simple family (application)
EP 91105899 A 19910413; DE 4012825 A 19900423; DE 59108041 T 19910413; JP 8209191 A 19910415; SU 4894960 A 19910409; US 67928491 A 19910402