

Title (en)
Ink rail device

Title (de)
Kammerrakel

Title (fr)
Chambre de racle

Publication
EP 0865917 A3 19981202 (DE)

Application
EP 98107632 A 19951220

Priority
• DE 4447123 A 19941229
• EP 95120199 A 19951220

Abstract (en)
[origin: DE4447123C1] The cavity which contains the coloured printing ink is closed at the sides by walls (7) which engage with the surface of the printing roller. The sidewalls have grooves (26) which connect with the inside of the cavity. The grooves are in the form of slits which pass through the sealing surfaces between side walls and roller. The slits run at a sharp angle to the inner faces and point inward taken in the direction of rotation of the roller (2). The front ends (36) of the side walls are bent outward to provide scrapers for the printing inks.

IPC 1-7
B41F 31/02

IPC 8 full level
B41F 9/10 (2006.01); **B05C 11/04** (2006.01); **B41F 31/02** (2006.01); **B41F 31/08** (2006.01); **B41F 31/20** (2006.01)

CPC (source: EP US)
B05C 11/047 (2013.01 - EP US); **B41F 31/027** (2013.01 - EP US)

Citation (search report)
• [A] CH 413872 A 19660531 - WINKLER FALLERT & CO MASCHF [CH]
• [A] DE 145993 C

Cited by
DE19957464A1; US6598525B2

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

DOCDB simple family (publication)
DE 4447123 C1 19960411; DE 59505972 D1 19990624; EP 0722833 A2 19960724; EP 0722833 A3 19960731; EP 0722833 B1 19990519; EP 0865917 A2 19980923; EP 0865917 A3 19981202; JP 2886124 B2 19990426; JP H08230162 A 19960910; US 5628250 A 19970513

DOCDB simple family (application)
DE 4447123 A 19941229; DE 59505972 T 19951220; EP 95120199 A 19951220; EP 98107632 A 19951220; JP 33715795 A 19951225; US 57788095 A 19951222