

Title (en)

Zonal inking knife for a rotary printing machine

Title (de)

Zonales Farbmesser für eine Rotationsdruckmaschine

Title (fr)

Lame d'encrier zonale pour une machine d'impression rotative

Publication

EP 0770479 B1 19991201 (DE)

Application

EP 96114210 A 19960905

Priority

FR 9512641 A 19951026

Abstract (en)

[origin: EP0770479A1] With the free end area of the ink blade having several slots for zonal division, a corresponding number of individual blades is formed. The contact zones of the individual blades (10) with the ink duct roller are provided with a hard material coating (12) arranged on a basic body (13) of the ink blade. The hard material coating is of ceramic with bending properties. It can be of titanium dioxide or of aluminium trioxide. It is fitted on an intermediate layer, particularly of nickel chrome, which is located between the basic body and the hard material coating. The contact zone of each individual blade is formed as an inclined surface (5) at the free end area (4) of the ink blade (1).

IPC 1-7

B41F 9/10; **B41F 31/04**

IPC 8 full level

B41F 9/10 (2006.01); **B41F 31/04** (2006.01)

CPC (source: EP US)

B41F 9/1072 (2013.01 - EP US); **B41F 31/04** (2013.01 - EP US); **B41P 2231/12** (2013.01 - EP US)

Cited by

EP1057629A3

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0770479 A1 19970502; **EP 0770479 B1 19991201**; AT E187123 T1 19991215; DE 19636536 A1 19970430; DE 59603775 D1 20000105; FR 2740386 A1 19970430; FR 2740386 B1 19980116; JP 4170406 B2 20081022; JP H09164661 A 19970624; US 5778785 A 19980714

DOCDB simple family (application)

EP 96114210 A 19960905; AT 96114210 T 19960905; DE 19636536 A 19960909; DE 59603775 T 19960905; FR 9512641 A 19951026; JP 28437696 A 19961025; US 74015196 A 19961028