

Title (en)  
INK-METERING DEVICE FOR PRINTING MACHINES

Publication  
**EP 0190600 A3 19880720 (DE)**

Application  
**EP 86100744 A 19860121**

Priority  
DE 3503736 A 19850204

Abstract (en)  
[origin: US4711175A] An inking unit disposed in the ink duct of a printing press includes dispensing elements for regulating the quantity of ink dispensed on the duct roller of the press and includes a plurality of blades disposed on linear adjusters for movement in the plane passing through the longitudinal axis B of the quantity-regulating dispensing elements and the line of contact between the dispensing edge thereof and the duct roller. Each blade is secured to a retaining pin on the adjuster by way of a securing aperture disposed perpendicularly to its bearing surface, and only minimal clearance, which can be very reduced in the direction of movement, is left between the pin and the securing aperture, so that when the ink gap closes, the blade of a dispensing element can automatically be aligned parallel by the dispensing edge bearing on the surface of the duct roller.

IPC 1-7  
**B41F 31/04**

IPC 8 full level  
**B41F 31/04** (2006.01)

CPC (source: EP US)  
**B41F 31/04** (2013.01 - EP US); **B41P 2231/12** (2013.01 - EP US)

Citation (search report)  
• [X] DE 2951653 A1 19810702 - ROLAND MAN DRUCKMASCH [DE]  
• [A] EP 0120298 A2 19841003 - ROLAND MAN DRUCKMASCH [DE]  
• [A] EP 0021002 A1 19810107 - HEIDELBERGER DRUCKMASCH AG [DE]  
• [A] EP 0046206 A1 19820224 - ROLAND MAN DRUCKMASCH [DE]

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

DOCDB simple family (publication)  
**US 4711175 A 19871208**; AT E58870 T1 19901215; BR 8600690 A 19861029; DE 3503736 C1 19851205; EP 0190600 A2 19860813; EP 0190600 A3 19880720; EP 0190600 B1 19901205; JP H0613216 B2 19940223; JP S61181644 A 19860814

DOCDB simple family (application)  
**US 82614386 A 19860204**; AT 86100744 T 19860121; BR 8600690 A 19860204; DE 3503736 A 19850204; EP 86100744 A 19860121; JP 2137086 A 19860204