

Title (en)  
INK METERING DEVICE IN OFFSET PRINTING MACHINES

Publication  
**EP 0131186 B1 19890104 (DE)**

Application  
**EP 84107144 A 19840622**

Priority  
DE 3324893 A 19830709

Abstract (en)  
1. Device for metering the amount of ink in an offset printing machine having an ink cylinder (8) and an ink applicator roller (7) the diameter of which corresponds to the diameter of the plate cylinder, said ink cylinder (8) having an outer cylindrical surface formed of rigid material, at least one metering body (12) being engageable with said ink cylinder (8) under a given pressure, said metering body having a metering surface extending axially parallel with and tangentially to said outer cylindrical surface of said ink cylinder (8), a stationary bearing (13) supporting said metering body through the intermediary of an adjusting element (15) responsive to a pressure medium, wherein, for engagement of said metering body (12), the pressure-medium supplying system for said adjusting elements (15) responsive to a pressure medium includes an additional device (33) for varying the pressure of a pressure medium in timed coordination with the respective ink consumption within a printing period.

IPC 1-7  
**B41F 31/04**; B41F 33/00

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

CPC (source: EP US)  
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DOCDB simple family (publication)  
**EP 0131186 A2 19850116**; **EP 0131186 A3 19861230**; **EP 0131186 B1 19890104**; DE 3324893 C1 19850314; ES 533374 A0 19850301; ES 8503205 A1 19850301; JP S6038158 A 19850227; US 5040459 A 19910820

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