

Title (en)  
INK FOUNTAIN BEARING FOR A ROTARY PRINTING PRESS

Publication  
**EP 0047503 A3 19820324 (DE)**

Application  
**EP 81106928 A 19810904**

Priority  
DE 3033998 A 19800910

Abstract (en)  
[origin: US4391192A] A bearing arrangement for an ink fountain in a rotary printing machine is disclosed. An ink fountain roller is carried in bearings in the side frames of the printing machine. Ball bearings are secured to support journals of the roller interiorly of the side frames and carry supporting rings which have grooved peripheral surfaces. An ink fountain is resiliently pivotably carried by the side frames and is secured to the roller journals. Securement is accomplished by flexible wire rope or the like which is secured at one end to the ink fountain, passes around the periphery of the supporting rings carried by the roller journals and is held by an over-center latch on the ink fountain. Actuation of the latch secures the ink fountain to the roller. The bearing arrangement in accordance with the present invention reduces ink fountain roller deflection and gives more uniform ink application.

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**B41F 31/06**; **B41L 27/08**

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CPC (source: EP US)  
**B41F 31/06** (2013.01 - EP US); **B41L 27/08** (2013.01 - EP US)

Citation (search report)

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CN103112262A

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FR GB IT SE

DOCDB simple family (publication)  
**EP 0047503 A2 19820317**; **EP 0047503 A3 19820324**; **EP 0047503 B1 19850410**; DE 3033998 A1 19820415; DE 3033998 C2 19880421; JP H0256216 B2 19901129; JP S5777575 A 19820514; US 4391192 A 19830705

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