

Title (en)

Monobloc ink duct for the feed rollers of offset printing machines.

Title (de)

Einstückiger Farbbehälter für die Farbbrollen einer Offset-Druckmaschine.

Title (fr)

Encrier monobloc pour les rouleaux d'encre d'une machine à imprimer offset.

Publication

**EP 0477389 A1 19920401 (EN)**

Application

**EP 90114814 A 19900802**

Priority

EP 90114814 A 19900802

Abstract (en)

This ink duct for the feed rollers of offset printing machines comprises a structure with a high degree of flexo-torsional indeformability and preferably monobloc, to be combined with a device incorporating levelling inserts for regulating the thickness of the ink film transferred by the feed roller, to make the operations involved in said regulation more reliable. The ink duct is provided with an adjustment device incorporating levelling inserts (7) operated by motor means (10) acting via angular velocity reduction units (11), to amplify the operating movement and so define its extent more clearly. The ink duct is provided with levelling inserts (7) which derive their axial regulating movement from a male-female screw (13A, 21; 13B, 14) combination in differential engagement. The ink duct is provided with levelling inserts operated by mutually engaged regulating screws preloaded by elastic means (18) to eliminate any axial engagement slack. The ink duct is provided with lateral shoulders with their ends of anti-friction material (3A) and shaped conjugately with the circularity of the feed roller, so that it can rest on it without any possibility existing of contact between its levelling inserts and the cylindrical surface of said feed roller (5) during installation on the offset printing machine. <IMAGE>

IPC 1-7

**B41F 31/04**

IPC 8 full level

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CPC (source: EP)

**B41F 31/04** (2013.01); **B41P 2231/12** (2013.01)

Citation (search report)

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