

Title (en)

Inking system for a printing roller in a rotogravure printing press and ink fountain operating such system

Title (de)

Farbwerk eines Zylinders in einer Tiefdruckmaschine und entsprechende Farbkastenwalze

Title (fr)

Système d'encre pour rouleau d'impression dans une presse d'impression de rotogravure et réservoir d'encre doté d'un tel système

Publication

EP 1857278 B1 20090311 (EN)

Application

EP 07106569 A 20070420

Priority

IT PR20060042 A 20060508

Abstract (en)

[origin: EP1857278A1] An inking system for a printing cylinder (C) in a rotogravure printing press, in which inking liquid is introduced in a first collection pre-chamber (11), from which it flows through an opening (21) to an inking compartment (12) below the printing cylinder (C) and part of the liquid flows out of the inking compartment (12) above a sublevel doctor blade (16) whose back (16a) is kept in contact with the printing cylinder (C), said doctor blade having a series of apertures (17) to allow generation and maintenance of a fine ink film between the doctor blade and the printing cylinder (C). The system operating fountain (1) has a smaller wall or frame (5) which is connected to a barrier (15) for defining a pre-chamber (11) and a sublevel doctor blade (16) whose back (16a) is kept in contact with the printing cylinder. The doctor blade (16) has apertures (17) for allowing part of the ink to flow out onto the back of the doctor blade (16) to form a fine film of ink between the doctor blade back (16a) and the printing cylinder (C).

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