

Title (en)
CARTRIDGE FOR AN INKED RIBBON WITH A RE-INKING DEVICE

Publication
EP 0313245 A3 19890830 (EN)

Application
EP 88309443 A 19881010

Priority
IT 6787287 A 19871020

Abstract (en)
[origin: EP0313245A2] A re-inking device (11) is applied to a cartridge (12) of the type comprising a container (13) having a magazine (34) for accommodating an inked ribbon (32) of the closed loop type disposed in loosely arranged turns, and a pair of toothed rollers (43) for unidirectional feed of the ribbon (32). The re-inking device (11) comprise an ink reservoir (51) which is housed in a closed casing (53) fixed removably in the interior of the container (13), and an ink metering means (52) having an internal portion and an external portion. The internal portion is inserted by way of an aperture (74) into the interior of the casing (53) and is held in contact with the reservoir (51); the external portion is in contact with the rounded external surface of the teeth (76) of an inking roller (42). The inking roller (42) is always engaged with a drive roller (78) of the pair of rollers (43). A guide bush (41) directs the ribbon (32) towards the teeth (76); the ink (50) passes from the metering means (52) to the rounded surface of the teeth (76). The teeth (76) in turn transfer the ink (50) to the ribbon (32) which is engaged with the rollers (43). The metering means (52), the inking roller (42) and the ribbon (32) are of the same height, thus providing for uniform re-inking of the ribbon (32) during the feed of the ribbon.

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CPC (source: EP)
B41J 31/16 (2013.01); **B41J 32/02** (2013.01)

Citation (search report)

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