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EUROPEAN PATENT APPLICATION

21 Application number: **88309443.5**

61 Int. Cl.⁴: **B 41 J 31/16**
B 41 J 32/02

22 Date of filing: **10.10.88**

30 Priority: **20.10.87 IT 6787287**

43 Date of publication of application:
26.04.89 Bulletin 89/17

84 Designated Contracting States:
AT BE CH DE ES FR GB LI NL

88 Date of deferred publication of search report:
30.08.89 Bulletin 89/35

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54 **Cartridge for an inked ribbon with a re-inking device.**

57 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.

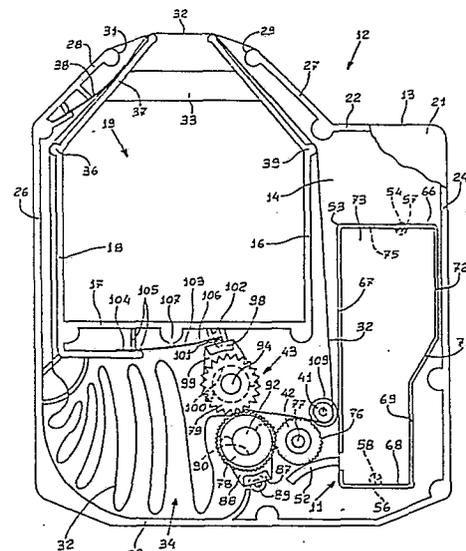


FIG.1



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
X A	WO-A-8 501 017 (NCR CORPORATION) * Whole document *	1-5, 10, 12, 14 8, 11, 16 , 17	B 41 J 31/16 B 41 J 32/02
A	--- EP-A-0 240 112 (ING. C. OLIVETTI) * Whole document *	1-3, 5, 7 , 11-14	
A	--- US-A-4 653 947 (J.R. ECHOLS)		
A	--- US-A-4 091 914 (A.D. STIPANUK)		
A	--- DE-A-3 535 876 (TURBON INTERNATIONAL) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 41 J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-06-1989	Examiner VAN DEN MEERSCHAUT G.
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
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EPO FORM 1503 03.82 (P0401)