

Title (en)

Printing device with roll paper detection

Title (de)

Druckvorrichtung mit Rollenpapierdetektor

Title (fr)

Imprimante avec dispositif pour détecter le papier en rouleau

Publication

EP 0769387 B1 20010725 (EN)

Application

EP 96307524 A 19961016

Priority

JP 26830195 A 19951017

Abstract (en)

[origin: EP0769387A2] To provide a printing device (1) capable of automatically detecting the type of the roll paper (6a), the printing device (1) comprises a movable flange abutting member (17) adapted to be pressed against an outer periphery of said flange (6c) of the holder of the paper roll (6) supported in said paper roll support mechanism, said flange (6c) having an outer diameter set in correspondence with the type of said roll paper (6a); a detection unit (11) of paper type adapted to be subjected to positioning by said outer periphery of the flange (6c) for detecting said type of the roll paper (6a); a detection unit (36) of paper presence/absence provided at a printing portion (PP) in facing relation to said platen (3) to detect the presence of said roll paper (6a) without contact thereto; a detection unit (41) for detecting the leading end of said roll paper (6a) arranged between said printing portion (PP) and a cutting portion (CP) to be subjected to a printing operation; and control means (22) for controlling actions of the relevant portions on the basis of the detection result of each detection unit (11, 36, 41). <IMAGE>

IPC 1-7

B41J 15/00

IPC 8 full level

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Cited by

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DE GB

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EP 0769387 A2 19970423; **EP 0769387 A3 19980624**; **EP 0769387 B1 20010725**; DE 69614064 D1 20010830; DE 69614064 T2 20020321; JP 3405867 B2 20030512; JP H09109495 A 19970428

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