

Title (en)

DRIVE MECHANISM FOR PRINTERS, EITHER FOR PROGRESSING OR REVERSING AN INK RIBBON, OR FOR RETRACTING THE PRINTING HEAD

Publication

EP 0000413 B1 19801210 (DE)

Application

EP 78200075 A 19780703

Priority

- DE 2731593 A 19770713
- DE 2731607 A 19770713

Abstract (en)

[origin: US4265551A] In order to enable ink ribbon transport and ribbon reversal on the one hand and on the other hand the withdrawal of the printing head from the platen to be performed by means of only a single motor, a pawl-and-ratchet device is provided between the drive gearwheels for the reel holders and the drive motor. The cord for the withdrawal of the printing head is connected to a deflection lever which follows the profile of a cam disc of a cam mechanism, which is connected via a further pawl-and-ratchet device to the common shaft driven by the electric motor. The two pawl-and-ratchet devices drive in opposed directions. The common drive motor is reversible and is electrically controlled by the cam mechanism.

IPC 1-7

B41J 33/518; B41J 29/18; F16H 35/00

IPC 8 full level

B41J 23/02 (2006.01); **B41J 29/18** (2006.01); **B41J 33/518** (2006.01); **B41J 19/68** (2006.01); **F16H 35/00** (2006.01)

CPC (source: EP US)

B41J 23/025 (2013.01 - EP US); **B41J 33/518** (2013.01 - EP US)

Cited by

US2017267522A1; WO2012015745A1; EP3763388A1; EP3590969A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0000413 A1 19790124; **EP 0000413 B1 19801210**; DE 2860289 D1 19810219; IT 1098666 B 19850907; IT 7825502 A0 19780710; JP S5419813 A 19790214; US 4265551 A 19810505

DOCDB simple family (application)

EP 78200075 A 19780703; DE 2860289 T 19780703; IT 2550278 A 19780710; JP 8413878 A 19780712; US 91840678 A 19780623