

Title (en)
INK RIBBON CARTRIDGE FOR A TYPEWRITER OR THE LIKE

Publication
EP 0033532 A3 19821027 (DE)

Application
EP 81100710 A 19810131

Priority
DE 3003886 A 19800202

Abstract (en)
[origin: US4440514A] A feed mechanism for advancing an ink ribbon, supported in a cartridge which is inserted into a typing machine, in feeding steps whose length is determined in dependence upon the type of the ribbon, the mechanism including: a feed roller rotatably mounted in the cartridge for engaging the ribbon to advance it in feeding steps, the roller being selected from a plurality of rollers having respectively different diameters on the basis of the type of the ribbon; a driving device mounted in the machine and including a pressure roller movable into a position against the feed roller when the cartridge is inserted in the machine; and a mechanism for rotating the feed roller in angular steps for advancing the ribbon in corresponding feeding steps, which mechanism is settable for causing each angular step of rotation of the feed roller to have a selected one of at least two different magnitudes, each magnitude corresponding to a respectively different ribbon feeding step length, and is coupled to the pressure roller in a manner to be set to produce angular rotation steps of a selected magnitude in dependence on the position of the pressure roller when it is in its position against the feed roller, whereby the magnitude of each ribbon feeding step is automatically determined as a function of the diameter of the selected feed roller.

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IPC 8 full level
B41J 33/36 (2006.01)

CPC (source: EP US)
B41J 33/36 (2013.01 - EP US)

Citation (search report)
• [AD] FR 1549848 A 19681213
• [A] FR 2155539 A5 19730518 - OLIVETTI & CO SPA
• [A] GB 1095438 A 19681220

Cited by
US4431324A; US4440514A; US4611938A

Designated contracting state (EPC)
AT CH DE FR GB IT SE

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EP 0033532 A2 19810812; EP 0033532 A3 19821027; EP 0033532 B1 19840926; AT E9560 T1 19841015; DE 3003886 A1 19810813; DE 3003886 C2 19880901; DE 3166232 D1 19841031; US 4440514 A 19840403

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