

Title (en)

PROCESS AND TRANSPORTATION DEVICE FOR INDIVIDUALLY FEEDING LAMINAR PRINT MATERIAL TO AN OFFICE MACHINE

Publication

EP 0105844 B2 19921111 (DE)

Application

EP 83810450 A 19831004

Priority

CH 586382 A 19821006

Abstract (en)

[origin: US4544294A] To provide for feeding of single sheets to an automatic typewriter, output printer or the like, a feed roller (15) in engagement with the topmost sheet (11) of a stack is driven in intermittent movement by a connecting drive train (14, 20, 21, 22, 26, 28, 38, 40) which has as its input a pinion (10) coupled to a gear (3) rotating with the platen (2) of the writing apparatus. The intermittent drive is so arranged that, upon rotation of the platen, the drive train will transmit rotation to the feed roller (15) to feed a topmost sheet to the slewing mechanism (44, 44', 45) of the writing apparatus, and then permit free rotation of the feed roller, as the sheet is being transported by the writing apparatus, positive drive connection between the platen and the feed roller not being re-established until the platen has rotated sufficiently such that its circumferential path is slightly longer than the longest sheet to be fed, to thereby always re-establish feed of a new sheet from a predetermined reference position.

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IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0105844 A2 19840418; **EP 0105844 A3 19840606**; **EP 0105844 B1 19870311**; **EP 0105844 B2 19921111**; BR 8305532 A 19840515; CA 1220441 A 19870414; CH 663601 A5 19871231; DE 3370146 D1 19870416; JP H0630915 B2 19940427; JP S5987187 A 19840519; US 4544294 A 19851001

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