

Title (en)

DRIVING DEVICE FOR SHEETS AND/OR WEBS IN AN OFFICE PRINTER, PARTICULARLY A MATRIX PRINTER

Publication

EP 0281498 A3 19900110 (DE)

Application

EP 88730011 A 19880115

Priority

DE 3705857 A 19870224

Abstract (en)

[origin: US4889270A] In a device for the paper transport of single sheets and/or continuous paper in office machines, in particular in matrix printers, there are provided in pairs and at least separately driven friction rolls (1, 2) which are disposed rotatably in side plates; the friction rolls exhibit a length to diameter ratio of from 30:1 to 50:1 and are therefore very long and very thin. In order to provide the friction force in a uniform manner over the entire length of the very long and thin friction rolls, it is disclosed that the positive running bending line (16) of a first feed roll (1) based on its support forces (14a, 14b) in the printer frame (15) and the negative running bending line (17) of a second friction feed roll (2) based on its support forces (14a, 14b) in the printer frame (15) are tuned to each other such that the two bending lines (16, 22) run approximately parallel.

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] DE 2430929 A1 19750417 - VOEST AG
- [A] GB 2016424 A 19790926 - LAUREL BANK MACHINE CO
- [A] NL 7106485 A 19720627

Cited by

CN102896877A; EP0465259A1

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EP 0281498 A2 19880907; **EP 0281498 A3 19900110**; **EP 0281498 B1 19930310**; AT E86586 T1 19930315; DE 3705857 A1 19880901; DE 3878947 D1 19930415; JP S63252768 A 19881019; US 4889270 A 19891226

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