

Title (en)
Printing apparatus.

Title (de)
Drucker.

Title (fr)
Imprimante.

Publication
EP 0034484 A1 19810826 (EN)

Application
EP 81300608 A 19810213

Priority
US 12276180 A 19800219

Abstract (en)
The printing unit includes a thin, lightweight, circular, bidirectionally shiftable, distensible synthetic resin band having printing characters thereon, along with a single, spring-powered impression hammer for selectively engaging and distending the band toward the page in order to print a selected character. Printing and letter spacing are concurrently initiated and accomplished using only a single, windable, energystoring mainspring and a mechanical energy transmission assembly coupling the rack and gear assembly and printer in parallel. The transmission assembly includes gearing for withdrawing a limited, predetermined amount of motive energy from the mainspring for each printing cycle, and for distributing such energy to achieve band spin and character selection, hammer cocking, and letterspacing translation of the carriage.

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B41J 1/20

IPC 8 full level
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CPC (source: EP)
B41J 1/20 (2013.01)

Citation (search report)

- DE 182504 C
- US 2762486 A 19560911 - LENT CONSTANTIN P
- US 3408930 A 19681105 - CHAMNESS LELAND D, et al
- US 3164084 A 19650105 - GRIFFIN PAIGE WALTER
- GB 1343558 A 19740110 - IBM
- DE 2755090 A1 19780706 - IBM

Designated contracting state (EPC)
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