

Title (en)

Paper feeder and printer using it

Title (de)

Papierzuführung und Drucker welcher diese benutzt

Title (fr)

Dispositif d'alimentation en papier et imprimante utilisant ceci

Publication

EP 1063093 A1 20001227 (EN)

Application

EP 00111848 A 20000608

Priority

JP 17481799 A 19990622

Abstract (en)

A paper feeder for a printer comprises a feed roller (3) for conveying paper and a stepping motor (2) for driving the feed roller (3). The feed roller and the stepping motor are coaxially disposed and the feed roller is directly driven by the stepping motor. The stepping motor (3) is adapted to perform Z base steps per one revolution and, in a microstep exciting system, each base step is subdivided into n microsteps in accordance with the expression $n.Z = \pi Y.X$ in which X represents the resolution of the printer, Y represents the diameter of the feed roller (3), and n represents an integer of 2 or greater. <IMAGE>

IPC 1-7

B41J 11/42

IPC 8 full level

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CPC (source: EP)

B41J 13/0018 (2013.01)

Citation (search report)

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- [DA] PATENT ABSTRACTS OF JAPAN vol. 012, no. 356 (M - 745) 26 September 1988 (1988-09-26)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01 29 January 1999 (1999-01-29)

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