

Title (en)
MULTI-PURPOSE FACSIMILE MACHINE.

Title (de)
MEHRZWECK-FAKSIMILE-VORRICHTUNG.

Title (fr)
MACHINE DE FAC-SIMILES A USAGES MULTIPLES.

Publication
EP 0156799 A4 19880307 (EN)

Application
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Priority
US 8301495 W 19830926

Abstract (en)
[origin: WO8501629A1] Multi-purpose facsimile machine (2) which functions as either a telecopier or a photocopier, at the selection of the user. The machine (2), when used as a telecopier, eliminates synchronization of transmitting and receiving units by storing transmitted data in a memory prior to printing. The facsimile machine (2) includes a linear motor for driving both a print head (48) and scan head (38) on a single block. The linear motor includes at least one electrical coil (32, 34, 36) driven along at least one lateral guide member (8), formed from interspersed magnetic (68) and non-magnetic (70) materials. By selectively energizing the coil, (32, 34, 36) the motor is advanced along its guide member (8) by magnetic interactions. The electrostatic print head (48) of the facsimile machine (2) includes at least one thin conductive wire fused into at least one glass casing (54) for providing a solid block structure for protecting and supporting the wire.

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Citation (search report)
• [X] FR 2418588 A1 19790921 - CIT ALCATEL [FR]
• [X] US 4302782 A 19811124 - GUNNING WILLIAM F, et al
• [Y] FR 2290109 A1 19760528 - CIT ALCATEL [FR]
• [Y] EP 0038070 A2 19811021 - SIEMENS AG [DE]
• [Y] PATENT ABSTRACTS OF JAPAN, Vol. 6, No. 247, (E-146)[1125], 07-12-1982; & JP-A-57 147 372 (Fuji Xerox KK) 11-09-1982.
• See references of WO 8501629A1

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