

Title (en)
ELECTROMAGNETIC DRIVING ELEMENT

Publication
EP 0127692 B1 19880601 (DE)

Application
EP 83105444 A 19830601

Priority
EP 83105444 A 19830601

Abstract (en)
[origin: US4527139A] A high-speed reciprocating actuator, of the type used as a print hammer in high-speed printers or for operating valves or the like, is made more compact and efficient by the arrangement of a stator yoke. The stator yoke provides a series of aligned magnetic gaps that cooperate with armature bars contained in a reciprocating ram member. These gaps are made part of a plurality of independent flux conducting loops. One or more activating coils pass through each of the loops to induce magnetic flux when ram actuation is desired.

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H01F 7/08; **B41J 9/133**

IPC 8 full level
H01F 7/16 (2006.01); **B41J 9/133** (2006.01); **H01F 7/08** (2006.01); **H01F 7/122** (2006.01)

CPC (source: EP US)
B41J 9/133 (2013.01 - EP US); **H01F 7/08** (2013.01 - EP US); **H01F 7/122** (2013.01 - EP US); **H01F 7/1646** (2013.01 - EP US)

Cited by
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Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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EP 83105444 A 19830601; CA 454198 A 19840511; DE 3376912 T 19830601; JP 7591384 A 19840417; US 61549884 A 19840530