

Title (en)

Printing wire driving apparatus.

Title (de)

Antriebsvorrichtung für Druckdrähte.

Title (fr)

Dispositif d'entraînement pour aiguilles d'impression.

Publication

EP 0472407 A1 19920226 (EN)

Application

EP 91307665 A 19910820

Priority

JP 21939390 A 19900821

Abstract (en)

In a printing wire driving apparatus wherein a plurality of printing wires mounted on a carriage of a printer are driven in accordance with printing data, there are provided with a voltage regulator (10) including a transistor chopper (10a) for periodically chopping input voltage, and a smoothing circuit (10b) for smoothing the output voltage of the transistor chopper, a plurality of printing wire driving circuits connected in parallel across output lines of the smoothing circuit (106), each of the printing wire driving circuits including a printing wire operating coil (18), a driving circuit (19) connected in series with the operating coil and a transistor (10) which are connected in series across the output lines. There is also provided a system controller (30) for controlling the operation of the transistor chopper (10a), and for controlling a printing signal generator (31) which generates electric signals adapted to control the printing wire driving circuits.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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