

Title (en)

Impact dot head for a printer.

Title (de)

Schlagpunktkopf für einen Drucker.

Title (fr)

Tête de points à impact pour une imprimante.

Publication

EP 0408316 A1 19910116 (EN)

Application

EP 90307540 A 19900710

Priority

JP 18074889 A 19890713

Abstract (en)

An impact dot head for a printer comprising a plurality of printing wires (8) which are movable into and out of a printing position; and guide means (6,7,14) through which the printing wires (8) pass and by means of which the printing wires (8) are bent to different extents, each printing wire (8) being arranged to be moved in one direction by a respective movement effecting member (19) and being arranged to be moved in the opposite direction by a respective resilient member (16) which acts on the respective movement effecting member (19) so as to restore the latter to an initial position, whereby each movement effecting member (19) is subjected to a restoring force which depends both on the force exerted by the respective resilient member (16) and by the extent to which the respective printing wire (8) is bent, characterised in that the resilient members (16) are substantially similar to each other but are arranged to exert different forces so that each movement effecting member (19) is subjected to substantially the same restoring force.

IPC 1-7

B41J 2/235

IPC 8 full level

B41J 2/275 (2006.01); **B41J 2/24** (2006.01)

CPC (source: EP)

B41J 2/24 (2013.01)

Citation (search report)

- [X] US 4723854 A 19880209 - SAKAIDA ATSUO [JP], et al
- [A] US 4697939 A 19871006 - ARA YOJI [JP]

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0408316 A1 19910116; EP 0408316 B1 19940615; DE 69009870 D1 19940721; DE 69009870 T2 19940922; JP H0345352 A 19910226

DOCDB simple family (application)

EP 90307540 A 19900710; DE 69009870 T 19900710; JP 18074889 A 19890713