

Title (en)  
NEEDLE PRINTING HEAD FOR A MATRIX PRINTER

Publication  
**EP 0112274 B1 19890607 (DE)**

Application  
**EP 83730096 A 19831010**

Priority  
DE 3243476 A 19821122

Abstract (en)  
[origin: EP0112274A1] 1. A wire printer head for dot matrix printers comprising a compound body which bears a plurality of pairs of pole shanks which form U-magnets and each of which is assigned a magnetic coil and a hinged armature, with bearing surfaces for the hinged armatures, which bearing surfaces are defined by the end faces of the pairs of pole shanks and are arranged in a common plane, with a plane-parallel central reference plane which is set back in relation to the bearing surface plane (by a distance delta-x) and which defines the stop means of the hinged armatures in the rest position, characterised in that the compound body comprises a hollow body (2; 7) which is U-shaped in cross-section, to the outer surface of which the U-magnets (4) are attached and at the end face of which there is formed either the reference plane (5b) or a retracted hub (7b) which accommodates a stop- and attenuating body (8) which itself forms the reference plane (5b).

IPC 1-7  
**B41J 3/10**

IPC 8 full level  
**B41J 2/275** (2006.01)

CPC (source: EP)  
**B41J 2/275** (2013.01)

Designated contracting state (EPC)  
CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0112274 A1 19840627; EP 0112274 B1 19890607; DE 3243476 A1 19840524; DE 3243476 C2 19870423; DE 3380018 D1 19890713**

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