

Title (en)  
Needle printing head.

Title (de)  
Nadeldruckkopf.

Title (fr)  
Tête d'impression à aiguilles.

Publication  
**EP 0228589 A2 19870715 (EN)**

Application  
**EP 86116768 A 19861202**

Priority  
IT 2313485 A 19851206

Abstract (en)  
A needle printing head, of the permanent magnet type where resilient armatures (8) are released owing to the energization of demagnetizing coils and where each of the armatures comprises a resilient magnetic leaf cantilever mounted, an actuation arm (16) extending beyond a free end of the leaf in form of a rigid plate arranged perpendicularly to the leaf plane and fixed to the leaf by means of a cogging groove into which the free end of the leaf is inserted and by welding of the contact surfaces of the two elements.

IPC 1-7  
**B41J 3/12**

IPC 8 full level  
**B41J 2/28** (2006.01)

CPC (source: EP)  
**B41J 2/28** (2013.01)

Cited by  
US4995742A

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0228589 A2 19870715; EP 0228589 A3 19871014; EP 0228589 B1 19900321**; DE 3669687 D1 19900426; IT 1186414 B 19871126;  
IT 8523134 A0 19851206

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