

Title (en)
WIRE MATRIX PRINT HEAD OF THE FLAP ARMATURE TYPE

Publication
EP 0355239 B1 19920311 (DE)

Application
EP 88730170 A 19880801

Priority
EP 88730170 A 19880801

Abstract (en)
[origin: EP0355239A1] In a wire matrix print head of the flap armature type, each printing needle (1) is assigned an armature (4) in a needle guide housing (9) and, in a spool support housing (14), an electromagnetic spool (3) and magnet yokes (3a, 3b). In order to improve the system of the individual armatures (4) and their bearing, it is proposed that, by means of a shaped metal sheet part (19; 19a), all the armatures (4) are held in their respective operating positions relative to each other and are connected to each other and form a unit (4, 19), that this unit (4, 19) is centred via a plurality of cams (25), arranged distributed over the circumference, in the needle guide housing (9), and that cams are provided which also centre this unit (4, 19) in the spool support housing (14). <IMAGE>

IPC 1-7
B41J 2/24; B41J 2/275

IPC 8 full level
B41J 2/24 (2006.01); **B41J 2/275** (2006.01)

CPC (source: EP US)
B41J 2/24 (2013.01 - EP US); **B41J 2/275** (2013.01 - EP US)

Cited by
DE102004028904A1; DE102004028904B4

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

DOCDB simple family (publication)
EP 0355239 A1 19900228; EP 0355239 B1 19920311; AT E73395 T1 19920315; DE 3869130 D1 19920416; JP H0260757 A 19900301; US 5039239 A 19910813

DOCDB simple family (application)
EP 88730170 A 19880801; AT 88730170 T 19880801; DE 3869130 T 19880801; JP 17388989 A 19890705; US 38760789 A 19890728