

Title (en)
MATRIX PRINTING HEAD

Publication
EP 0188672 B1 19891011 (DE)

Application
EP 85113395 A 19851022

Priority
DE 3502471 A 19850125

Abstract (en)
[origin: EP0188672A1] 1. Matrix printer head having several printing needles (10) which are movable, each by means of a separate magnetic drive, forward into the printing position and back, and are secured on an element (26) of the magnetic drive which transmits the movements, where the magnetic drive element (26) within the fastening region (27) has in each case a width (28) which permits the arrangement of a passage opening (30) situated centrally in the fastening region (27) of the magnetic drive element (26), the basic cross-sectional form (31) of which opening conforms at least with a part of the circumference (32) of the utilised and soft- or hard-soldered printing needles (10), taking consideration of an appropriate production tolerance, characterised in that the straight axis (33) of the passage opening (30) extends obliquely of the surface plane (35) of the magnetic drive element (26), further in that the production tolerance of the passage opening (30) renders possible easy introduction of the printing needles (10) and their making fast in the direction and in that the printing needles (10) are soldered within the occurring gap in the passage opening (30).

IPC 1-7
B41J 7/84

IPC 8 full level
B41J 2/26 (2006.01)

CPC (source: EP)
B41J 2/26 (2013.01)

Cited by
EP0357057A3; US5174664A

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

DOCDB simple family (publication)
EP 0188672 A1 19860730; EP 0188672 B1 19891011; AT E47091 T1 19891015; DE 3502471 A1 19860731; DE 3573561 D1 19891116; JP S61172752 A 19860804

DOCDB simple family (application)
EP 85113395 A 19851022; AT 85113395 T 19851022; DE 3502471 A 19850125; DE 3573561 T 19851022; JP 1224786 A 19860124