

Title (en)
LOW-NOISE PRINTER HEAD ASSEMBLY

Publication
EP 0338514 B1 19930707 (EN)

Application
EP 89106942 A 19890418

Priority
JP 9722588 A 19880419

Abstract (en)
[origin: EP0338514A2] A printer head assembly comprises a plurality of print heads radially mounted within a heat sink (3) in thermal contact relation. Each print heads includes a print wire (7), an armature (6) connected to the print wire, a stopper plate (10), a return spring (9) for biasing the armature into contact with the stopper plate (10), and an electromagnetic (4,5) which drives the armature (6) against the spring (9) in response to energization of the magnet so that the print wire (7) is moved from a non-print position to a print position and causes the spring (9) to restore the armature (6) to the non-print position in response to deenergization of the magnet. The heat (3) sink has a rear part extending beyond the stopper plate (10) to an elastic rear panel (12) to form a sound absorption air chamber (11) therebetween.

IPC 1-7
B41J 29/10

IPC 8 full level
B41J 2/235 (2006.01); **B41J 29/10** (2006.01)

CPC (source: EP)
B41J 29/10 (2013.01)

Cited by
DE9001868U1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0338514 A2 19891025; EP 0338514 A3 19900822; EP 0338514 B1 19930707; DE 68907435 D1 19930812; DE 68907435 T2 19931014; JP H01267049 A 19891024

DOCDB simple family (application)
EP 89106942 A 19890418; DE 68907435 T 19890418; JP 9722588 A 19880419