

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.

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**B41J 29/10**

IPC 8 full level  
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CPC (source: EP)  
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