

Title (en)

CONTAMINANT PURGING IN A MAGNETIC DISC DRIVE.

Title (de)

BESEITIGUNG VON VERUNREINIGUNGEN IN EINEM MAGNETPLATTENANTRIEB.

Title (fr)

PURGE DES SUBSTANCES CONTAMINANTES DANS UNE UNITE DE DISQUE MAGNETIQUE.

Publication

EP 0093714 A4 19840427 (EN)

Application

EP 82901281 A 19820401

Priority

US 32133581 A 19811116

Abstract (en)

[origin: WO8301861A1] In a magnetic disc drive (10) including a disc (12) having a magnetic surface and supported for rotation on a spindle (11), a spindle motor (13) for driving the spindle, a transducer head (14), a head support structure (15) for moving the head along the disc surface, and a speed control circuit (22) for controlling the speed of the spindle motor, there is disclosed a method for contaminant purging and head loading. The spindle motor (13) is operated at a speed significantly above the normal operating speed and filtered air is circulated past the head (14) and the disc surface. The head is loaded and caused to fly on the disc surface and the spindle motor speed is then reduced to the normal operating speed.

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G11B 17/32

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 3609721 A 19710928 - MENELEY WILLIAM E
- [A] PATENTS ABSTRACTS OF JAPAN, vol. 5, no. 84 (P-64)(756), June 2, 1981 & JP - A - 56 29 874 (HITACHI SEISAKUSHO K.K.) (March 25, 1981)

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