

Title (en)

Apparatus for controlling the movement of the data head in a moving-head data recording system.

Title (de)

Einrichtung zur Regelung der Bewegung des Magnetkopfes in einer Datenspeichereinrichtung mit bewegbarem Magnetkopf.

Title (fr)

Dispositif pour commander le mouvement de la tête transductrice d'un dispositif d'enregistrement de données à tête mobile.

Publication

EP 0000946 A2 19790307 (EN)

Application

EP 78100748 A 19780825

Priority

US 82931277 A 19770831

Abstract (en)

Two servoing functions, both operating from the data reading and recording transducer, are performed in a high performance movinghead disc drive. One servo rapidly moves the head from its current track to any other track utilizing absolute track identifying addresses recorded in the inter-sector gap between data sectors. Once located on a track, the other servo maintains head location precisely over the center of that track while data is being read or recorded employing track following information also recorded in the inter-sector gap. The resolution of transducer location is enhanced by secondary use of the track following information.

IPC 1-7

G11B 5/58; G05D 3/00; G11B 5/55

IPC 8 full level

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CPC (source: EP)

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