

Title (en)

Erase head for erasing single tracks of a multi-track magnetic recording tape.

Title (de)

Löschkopf zum Löschen von Einzelspuren eines Mehrspur-Magnetbandes.

Title (fr)

Tête d'effacement pour effacer des pistes uniques d'une bande à plusieurs pistes.

Publication

EP 0005255 A1 19791114 (DE)

Application

EP 79101312 A 19790502

Priority

US 90284278 A 19780504

Abstract (en)

An erase head (10) for erasing single tracks on multi-track magnetic recording tapes (12) by means of a constant magnetic field applied in a direction perpendicular to the direction of tape travel, to avoid any asymmetrical residual magnetization with respect to the direction of a magnetizing field used for recording. A configuration of two pole pieces (14) and two corresponding shields (16), spaced out from the pole pieces and generally coplanar with the end faces thereof, ensures that the magnetic field strength is relatively uniform in a region between the shields and falls to a relatively low value outside this region.

IPC 1-7

G11B 5/22; **G11B 5/12**; **H04N 5/78**

IPC 8 full level

G11B 5/115 (2006.01); **G11B 5/02** (2006.01); **G11B 5/187** (2006.01)

CPC (source: EP US)

G11B 5/02 (2013.01 - EP US); **G11B 5/187** (2013.01 - EP US); **Y10S 428/90** (2013.01 - EP)

Citation (search report)

- US 3610838 A 19711005 - NUMAKURA TOSHIHIKO
- US 4071868 A 19780131 - KAMINAKA NOBUYUKI, et al
- US 3194894 A 19650713 - COLIN SMITH HUBERT
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Cited by

US8476296B2

Designated contracting state (EPC)

AT BE CH DE FR GB NL SE

DOCDB simple family (publication)

EP 0005255 A1 19791114; JP S54149612 A 19791124; US 4187521 A 19800205

DOCDB simple family (application)

EP 79101312 A 19790502; JP 5257379 A 19790501; US 90284278 A 19780504