

Title (en)

COMBINATION OF A MAGNETIC RECORD CARRIER AND AN APPARATUS FOR RECORDING A DIGITAL INFORMATION SIGNAL IN A TRACK ON SAID RECORD CARRIER

Title (de)

KOMBINATION VON EINEM MAGNETAUFZEICHNUNGSTRÄGER UND EINEM GERÄT ZUR AUFZEICHNUNG EINES DIGITALEN INFORMATIONSSIGNALS IN EINER SPUR AUF BESAGTEM AUFZEICHNUNGSTRÄGER

Title (fr)

ENSEMBLE COMPRENANT UN SUPPORT MAGNETIQUE D'ENREGISTREMENT ET L'APPAREIL PERMETTANT D'ENREGISTRER DES SIGNAUX NUMERIQUES SUR UNE PISTE DUDIT SUPPORT

Publication

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Application

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- US 74161796 A 19961031

Abstract (en)

[origin: WO9720308A1] A combination is disclosed of a magnetic record carrier (1) and an apparatus for recording a digital information signal in a track on said record carrier. The apparatus comprises an input terminal (40) for receiving the digital information signal, an encoding unit (42) for encoding the digital information signal so as to obtain a digital channel signal suitable for recording, and a writing unit (44) for writing the digital channel signal in the track on the record carrier. The writing unit (44) comprises at least one write head (2) having a specific gap width (g). The apparatus is adapted to write the digital channel signal in the record carrier, with a bit-length which is smaller than 0.25 μm and the record carrier (1) has an oblique easy-axis angle between 26 DEG and 35 DEG with regard to the longitudinal direction of the track and in a plane perpendicular to the record carrier.

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