

Title (en)

TAPE SERVO PATTERN WITH ENHANCED SYNCHRONIZATION PROPERTIES

Title (de)

BAND-SERVOMUSTER MIT VERBESSERTEN SYNCHRONISATIONSEIGENSCHAFTEN

Title (fr)

STRUCTURE DE POSITIONNEUR A BANDE MAGNETIQUE AYANT DES PROPRIETES AMELIOREES DE SYNCHRONISATION

Publication

EP 1075694 A4 20020417 (EN)

Application

EP 98913303 A 19980330

Priority

US 9806259 W 19980330

Abstract (en)

[origin: WO9950840A1] A magnetic tape servo pattern with different frequency signals is written on a magnetic tape to define the frame boundary. A significantly different frequency field is used to signal the transition from one frame to the next. Servo stripes (13) are written onto tape (11). A first frequency signal is written on a first area (27) and a second frequency signal is written on a second area (28). The first and second frequency signals are alternately written onto servo stripe in successive frames (14, 15). A third frequency signal is written in a predetermined band pattern in each frame over the second area.

IPC 1-7

G11B 5/596; **G11B 5/09**

IPC 8 full level

G11B 5/09 (2006.01); **G11B 5/584** (2006.01); **G11B 27/30** (2006.01)

CPC (source: EP)

G11B 5/584 (2013.01); **G11B 27/30** (2013.01); **G11B 2220/90** (2013.01)

Citation (search report)

- [X] US 5396376 A 19950307 - CHAMBORS JOHN M [US], et al
- [A] US 5675448 A 19971007 - MOLSTAD RICHARD W [US], et al
- [A] US 5121270 A 19920609 - ALCUDIA EZRA R [US], et al
- [A] US 4996609 A 19910226 - JOANNOU KYRIACOS [US]
- See references of WO 9950840A1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

WO 9950840 A1 19991007; EP 1075694 A1 20010214; EP 1075694 A4 20020417; EP 1271477 A1 20030102; EP 1271477 B1 20060301; JP 2002510114 A 20020402

DOCDB simple family (application)

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