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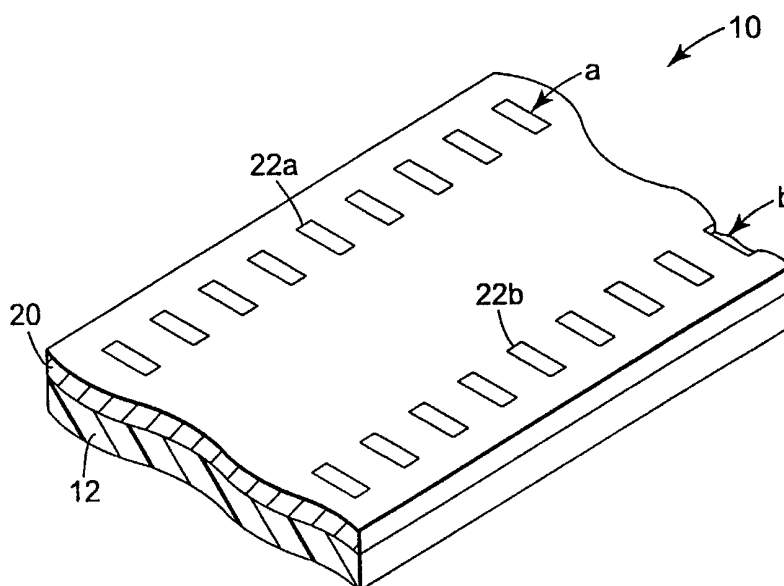
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: MAGNETIC DATA STORAGE TAPE WITH ETCHED SERVO TRACK



(57) Abstract: Magnetic data storage tapes with etched servo patterns are disclosed along with methods of manufacturing the tapes. The servo tracks formed by etching may be read magnetically by magnetically overwriting a pattern etched into a magnetic coating on the tape, followed by detecting the electromagnetic modulation caused by the servo pattern etched into the magnetic coating. The etched servo pattern may also be read optically in addition to magnetically, with the optical writing occurring simultaneously, sequentially or both simultaneously and sequentially. Whether the servo tracks are read magnetically or magnetically and optically, the electromagnetic and/or electromagnetic/optical modulation caused by the etched pattern can be used to accurately position a read/write head on the tape.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B5/64 G11B5/596

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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