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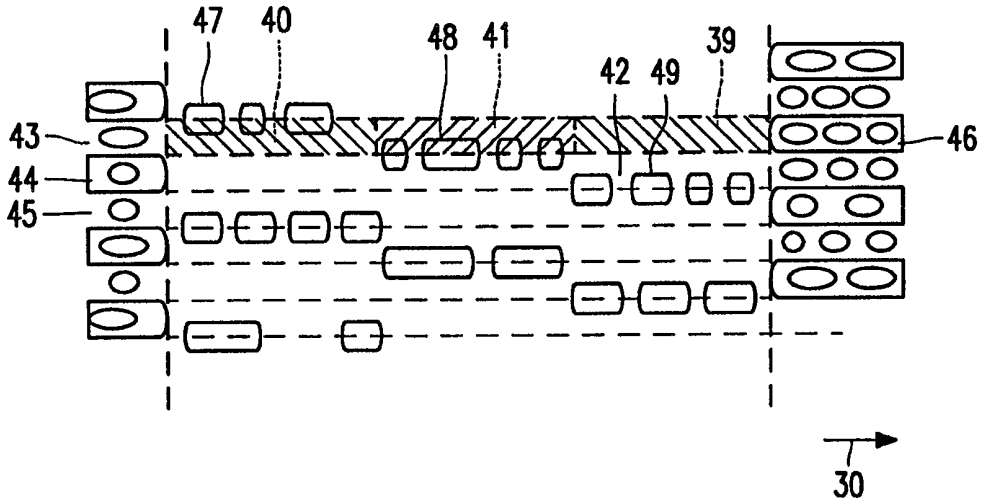
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(54) Title: RECORD CARRIER AND APPARATUS FOR SCANNING THE RECORD CARRIER



(57) Abstract

An optical record carrier comprises substantially parallel tracks being divided into recording units having an address area (23, 24), adjacent address areas of adjacent tracks (43, 44) comprising shared address marks (48). Shared address marks (47, 48) are positioned in between adjacent tracks and arranged in sharing portions (40, 41) of the address area, each sharing portion sharing address marks only to one side. The address area also comprises a free portion (39) which is free from shared address marks, which free portion is aligned with a sharing portion (42) of an adjacent address area. This is advantageous for reducing crosstalk in the address read signal. The sequence of the free and sharing portions within an address area differs so as to be matching in adjacent address areas. Further an apparatus for scanning the record carrier is described, which apparatus comprises an optical system (52) for generating a spot (66) on the record carrier via a radiation beam (65), tracking means (51), address recovery means (50, 56) and positioning means (54) for moving the spot to a desired track. The address recovery means (50, 56) are arranged for detecting the free portion and deriving the sequence of the free and sharing portions.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB 98/01310

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: G11B 7/007
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)

IPC6: G11B

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

SE,DK,FI,NO classes as above

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

EPAT, WPI, JAPIO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0757343 A1 (MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.), 5 February 1997 (05.02.97), column 18, line 49 - column 21, line 52, figures 7-9, abstract --	1-8
X	EP 0656625 A1 (SHARP KABUSHIKI KAISHA), 7 June 1995 (07.06.95), column 8, line 1 - line 32, figures 3-5, abstract --	1-8
X	US 5616390 A (NAOYASU MIYAGAWA ET AL), 1 April 1997 (01.04.97), column 17, line 42 - column 18, line 62, figures 5A-5B, abstract --	1-8

[X] Further documents are listed in the continuation of Box C. [X] See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Benny Andersson Telephone No. +46 8 782 25 00

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

02/02/99

International application No.
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