(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
28 December 2000 (28.12.2000)

PCT

(10) International Publication Number
WO 00/79534 A2

(51) International Patent Classification[7]: G11B 21/08, 5/55, 7/085, 19/06

(21) International Application Number: PCT/JP00/04042

(22) International Filing Date: 21 June 2000 (21.06.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/176454 23 June 1999 (23.06.1999) JP

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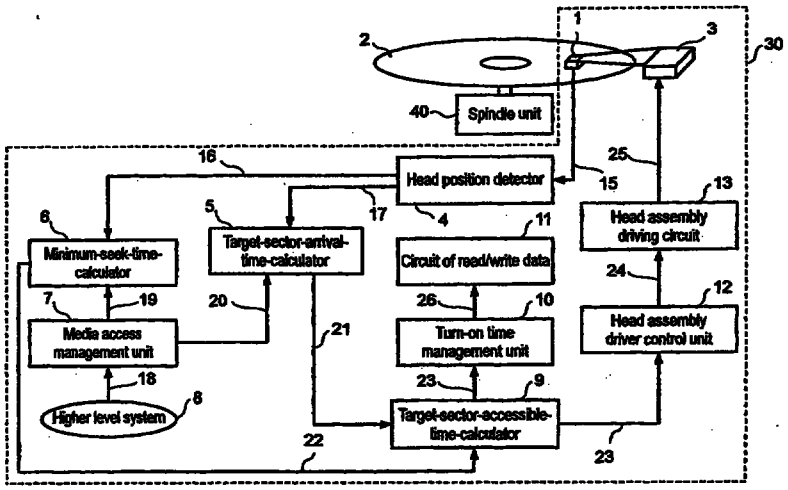
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(81) Designated States *(national)*: CN, ID, KR, SG, US.

Published:
— *Without international search report and to be republished upon receipt of that report.*

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

(54) Title: METHOD OF DRIVING HEAD, HEAD DRIVING DEVICE AND DISC DRIVING APPARATUS USING THE SAME METHOD AND DEVICE



(57) Abstract: A method for driving a head includes the steps of: determining a head-present-position by a head-position-data supplied from a head-position-detector; calculating in advance a target-sector accessible-time by the head for a first time based on a data of a head-present-position, a location data of a target sector at a destination and a driving capability of a head assembly; and controlling a head-assembly-driver by determining a moving speed and an acceleration/deceleration pattern of the head for completing a seek to a track including the target sector within the accessible-time. The method is useful for controlling the head of a disc driving apparatus, especially a magnetic head of a magnetic disc driving apparatus, and the method reduces power consumption at a seek-operation without extending an access time.

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