

ABSTRACT

AN ELECTRIC MOTOR

05 An electric drive motor, for example, for a disc
storage drive, comprises a shaft (5) on which a mounting
flange (8) is journaled. The mounting flange (8)
supports a stator (15) surrounded by a rotor (21) fixed
to the shaft (5) for rotation therewith. A hub (11) for
10 supporting information disks is supported on the shaft
(5) by way of bearings (6, 7). The hub (11) includes a
cover disk (41) for sealing an extremity of the bearings
(6, 7) and an inverted cup-shaped rotor (33) provides
magnetic shielding. The flange (8) is provided with a
15 mounting rim (45) substantially aligned with the base
surface of the cup-shaped rotor. The facing rotor and
flange readily enable sealing of the lower bearings (6,
7).

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Fig. 1