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(54) Title: DISK MOTOR**(57) Abstract**

A discoidal brushless DC motor having a stator (507) carrying windings (503) arranged in slots which radiate out from the centre of the stator to the periphery. The depth of each slot increases towards the centre of the stator. The slot, therefore, is wider (from side to side) and shallower towards the periphery of the stator, and narrower (from side to side) and deeper towards the centre of the stator. This arrangement ensures that the windings are contained below the surface (504) of the stator (507). The magnetic circuit includes a backing of a ferromagnetic material (509). This ferromagnetic material (509) can be a watch spring core made from a long strip of soft iron tape.

