

Title (en)

Permanent magnetic kind of actuation for a switch

Title (de)

Permanentmagnetischer Antrieb für einen Schalter

Title (fr)

Entraînement permanent-magnétique pour un commutateur

Publication

EP 0883146 B1 20050105 (DE)

Application

EP 98102629 A 19980216

Priority

DE 19709089 A 19970306

Abstract (en)

[origin: DE19709089A1] The drive has a laminated yoke, in which slides a mobile armature coupled to the movable contact stalk. There is at least one permanent magnet, generating a magnetic flux in the yoke, and at least one coil, moving the armature from one position into another one. In order to prevent eddy currents, the armature of solid material is fitted with slits, pref. extending in the armature movement direction. Typically the armature is rectangular, with the slits located on the wide side and the narrow long side, orthogonally to the respective surface and are filled with insulating material.

IPC 1-7

H01H 33/38

IPC 8 full level

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CPC (source: EP)

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Cited by

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