

Title (en)  
RELAY

Title (de)  
RELAIS

Title (fr)  
RELAIS

Publication  
**EP 3367412 B1 20230927 (DE)**

Application  
**EP 18155605 A 20180207**

Priority  
CH 1432017 A 20170208

Abstract (en)  
[origin: CN108400063A] The invention relates to a relay, having an electromagnetic drive with a field coil arranged around an iron core which defines a plane, and a yoke. The electromagnetic drive works together with a movable armature which can switch a movable electrical contact via an actuating arrangement. The relay is accommodated in a housing, wherein an intermediate base and/or partition is included between the electromagnetic drive and the contact. The electromagnetic drive is arranged on one side of the partition, and the movable electrical contact is arranged on the other side of the partition. The partition has an opening through which the mechanical actuation of the contact is carried out. Because the armature is pivotable about an axis of rotation perpendicular to the plane of the iron core, the relay can have a lower constructed height than a conventional relay.

IPC 8 full level  
**H01H 50/28** (2006.01)

CPC (source: CH CN EP US)  
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**H01H 50/44** (2013.01 - US); **H01H 50/54** (2013.01 - US); **H01H 50/643** (2013.01 - CN)

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