

Title (en)  
Electromagnetic relay

Title (de)  
Electromagnetisches Relais

Title (fr)  
Relais électromagnétique

Publication  
**EP 1081732 B1 20080813 (EN)**

Application  
**EP 00118749 A 20000830**

Priority  
JP 24672199 A 19990831

Abstract (en)  
[origin: EP1081732A2] In an electromagnetic relay having: an iron core 1 around which a coil 3 is wound and on which a magnetic pole portion 1a is provided; an armature 5 which is attracted to and separated from the magnetic pole portion 1a of the iron core 1 and driven; a contact point portion 20 which comes into contact with and is separated from its partner, when the armature 5 is driven; and a switch 17 in which an operation portion 17b which can be pressed so that the contact point portion 20 comes into contact with and is separated from its partner, when the armature is not driven, is extended to the direction which is intersected with the pressing direction; and a case 15 having an opposing portion 15a opposite to the operation portion 17b, the electromagnetic relay is structured such that, in at least either one of the operation portion 17b or the opposing portion 15a, the contact portion 15c which can come into contact with the other when the operation portion 17b is not pressed, is protruded toward the other.  
<IMAGE>

IPC 8 full level  
**H01H 50/00** (2006.01); **H01H 50/32** (2006.01); **H01H 50/08** (2006.01); **H01H 51/06** (2006.01)

CPC (source: EP)  
**H01H 50/326** (2013.01)

Cited by  
ES2263345A1; US9543098B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 1081732 A2 20010307**; **EP 1081732 A3 20020918**; **EP 1081732 B1 20080813**; CN 1168113 C 20040922; CN 1291782 A 20010418; DE 60039827 D1 20080925; JP 2001076603 A 20010323; JP 4218145 B2 20090204

DOCDB simple family (application)  
**EP 00118749 A 20000830**; CN 00123899 A 20000829; DE 60039827 T 20000830; JP 24672199 A 19990831