

Title (en)  
Switchable electromagnetic pulse relay.

Title (de)  
Schaltbares elektromagnetisches Impulsrelais.

Title (fr)  
Relais à impulsion électromagnétique.

Publication  
**EP 0308546 A2 19890329 (EN)**

Application  
**EP 87202423 A 19871207**

Priority  
IT 6781287 A 19870925

Abstract (en)  
Switchable electromagnetic pulse relay consisting of a base (14) having fixed contacts (8) and movable contacts (10), the latter being alternately moved by a ratchet gear acting on a pusher rod (64) which in turn acts on a gear (72) whose lateral surfaces each carry two cams (80 and 82) which transmit movement to the above-mentioned movable contacts. The movement to the pusher rod is transmitted by a movable armature (62) attracted or released by a field coil (40). Two plug-in blades (6) establish the electric contact between the movable contacts (10) and the stationary contacts (8) and the outer circuit. This electromagnetic pulse relay is particularly suitable for industrial use due to the particular shape and structure of its components and for the versatility of use offered.

IPC 1-7  
**H01H 50/70**; **H01H 51/08**

IPC 8 full level  
**H01H 50/04** (2006.01); **H01H 51/08** (2006.01)

CPC (source: EP)  
**H01H 50/041** (2013.01); **H01H 51/086** (2013.01)

Cited by  
EP0962950A3; CN111863542A

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**EP 0308546 A2 19890329**; **EP 0308546 A3 19891220**; IT 1211320 B 19891012; IT 8767812 A0 19870925

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