

Title (en)  
Electromagnet trip device with percussion-pin.

Title (de)  
Elektromagnetischer Auslöser mit Schlagbolzen.

Title (fr)  
Déclencheur électromagnétique à percuteur.

Publication  
**EP 0518791 A1 19921216 (FR)**

Application  
**EP 92420196 A 19920610**

Priority  
FR 9107405 A 19910614

Abstract (en)  
The invention relates to an electromagnetic trip device with percussion pin. The insulating actuation rod (20) of the percussion pin is anchored rigidly in a hole (27) conjugate with the ferromagnetic mobile core (17) to form a built-in connection. The rod (20) traverses a through-orifice (21) in a diaphragm (28) disposed in the bore (29) of the fixed core (19) in order to improve the dynamic behaviour during percussion. Applications: miniature electric circuit breakers. <IMAGE>

IPC 1-7  
**H01H 71/24**

IPC 8 full level  
**H01H 71/24** (2006.01)

CPC (source: EP)  
**H01H 71/2409** (2013.01); **H01H 71/2463** (2013.01)

Citation (search report)

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- [A] EP 0351724 A2 19900124 - ASEA BROWN BOVERI [DE]
- [A] US 3704435 A 19721128 - KUSSY FRANK W, et al
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Designated contracting state (EPC)  
BE CH DE ES GB IT LI PT SE

DOCDB simple family (publication)  
**EP 0518791 A1 19921216; EP 0518791 B1 19960320**; DE 69209155 D1 19960425; DE 69209155 T2 19961002; ES 2086702 T3 19960701; FR 2677807 A1 19921218; FR 2677807 B1 19930903

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