

Title (en)

Passive triggering of a circuit breaker for electrical feeders of motor vehicles

Title (de)

Passive Auslösung eines Stromunterbrechers für elektrische Versorgungsleitungen von Kraftfahrzeugen

Title (fr)

Déclenchement passif d'un interrupteur destiné à des lignes d'alimentation électrique de véhicules automobiles

Publication

EP 1866945 A1 20071219 (DE)

Application

EP 06725662 A 20060407

Priority

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- EP 06725662 A 20060407

Abstract (en)

[origin: EP1710871A1] The breaker has two connecting units (1, 3) that are connected with each other. A current path extends between the connecting units in a conducting state of the breaker. A pyrotechnical interrupting unit (5) is provided on one of the connecting units, and interrupts the connection between the connecting units. The interrupting unit is thermally activated with an aid of a joule effect that is generated by one of the connecting units. An independent claim is also included for a method for interrupting power with a circuit breaker.

IPC 8 full level

H01H 39/00 (2006.01)

CPC (source: EP US)

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