

Title (en)

Device for accelerated closure of electrical contacts

Title (de)

Vorrichtung zur Beschleunigung des Einschaltvorgangs zwischen elektrischen Kontakten

Title (fr)

Dispositif pour obtenir une fermeture accélérée des contacts électriques

Publication

EP 0720192 B1 19991229 (DE)

Application

EP 95111687 A 19950725

Priority

DE 4446411 A 19941223

Abstract (en)

[origin: EP0720192A1] The appts. accelerates the switching on process between a stationary electric contact (11) and a movable electric contact (12) of a switch device, e.g. a protective circuit breaker (10). The movable contact (12) is arranged on a pivot arm (14). The latter (14) is struck by a contact spring (17) in the switching on direction. To switch on, the movable contact (12) is brought to the stationary contact (11) by the action of a switch lever (29). The device includes a holding element (26) which holds the pivot arm (14) which is held under tension by the contact spring (17). The holding element (26) is released from its engagement with the pivot arm (14) on switching on, by means of the switch lever (29). An engaging recess (27) may be formed on the pivot arm (14) for the holding element (26).

IPC 1-7

H01H 23/20; **H01H 5/10**

IPC 8 full level

H01H 5/10 (2006.01); **H01H 23/20** (2006.01); **H01H 71/52** (2006.01)

CPC (source: EP)

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