

Publication

EP 0523420 A3 19940803

Application

EP 92110723 A 19920625

Priority

DE 4123297 A 19910713

Abstract (en)

[origin: EP0523420A2] The invention relates to a short-circuit instantaneous trip mechanism having a tripping element (10) which is acted on electro-dynamically and releases the latching. The tripping is blocked by a locking device, to be precise with a time delay which is in the millisecond range. The locking device is preferably constructed as an independent structural unit and, in addition to the baseplate (30), has a clamping lever (32) and a spring (34) which is connected to a flywheel body (36) which is supported such that it can rotate. The clamping lever (32) and the flywheel body (36) are constructed in a self-resetting manner with respect to the disconnection process, by means of a resetting spring (35). <IMAGE>

IPC 1-7

H01H 71/24; **H01H 3/30**

IPC 8 full level

H01H 71/24 (2006.01); **H01H 71/10** (2006.01); **H01H 71/44** (2006.01)

CPC (source: EP)

H01H 71/2472 (2013.01); **H01H 71/1081** (2013.01); **H01H 71/446** (2013.01)

Citation (search report)

- [A] US 3940723 A 19760224 - HORIKAWA MASAO
- [A] US 2849565 A 19580826 - POKORNY FRANK J [US]
- [A] US 2780694 A 19570205 - TAYLOR JOHN H
- [A] US 2813170 A 19571112 - HORN MERL E, et al
- [A] EP 0125043 A1 19841114 - MITSUBISHI ELECTRIC CORP [JP]

Cited by

EP1600994A1

Designated contracting state (EPC)

FR GB IT

DOCDB simple family (publication)

EP 0523420 A2 19930120; **EP 0523420 A3 19940803**; **EP 0523420 B1 19961211**; DE 4123297 C1 19930429

DOCDB simple family (application)

EP 92110723 A 19920625; DE 4123297 A 19910713