

Title (en)
DELAYING DEVICE FOR RELEASE ELEMENTS OF ELECTRICAL CIRCUITS BREAKERS

Publication
EP 0253433 A3 19881012 (EN)

Application
EP 87201263 A 19870703

Priority
IT 2252586 U 19860715

Abstract (en)
[origin: EP0253433A2] The invention provides a delaying device (10) for release elements (12) of electrical circuit breakers, which is essentially constituted, in a circuit breaker structure (11), by at least a coil connected in series to a main circuit of a circuit breaker, said at least one coil actuating, when electrical power is supplied to it, at least an elastically-swinging lever (31) capable of rotating a release shaft (14) causing the tripping of said circuit breaker, said shaft being provided with at least one tongue (16) suitable to engage said at least one lever, characterized in that said delaying device is constituted by first delaying lever means elastically mounted on said release shaft, and acting on second delaying means of the delaying-mass type (19, 23), fastened onto said circuit breaker structure in correspondence of said first delaying lever means.

IPC 1-7
H01H 71/44

IPC 8 full level
H01H 71/44 (2006.01)

CPC (source: EP)
H01H 71/446 (2013.01)

Citation (search report)

- [X] GB 2042270 A 19800917 - HEINEMANN ELECTRIC CO
- [Y] FR 46510 E 19360709 - APP G M N
- [A] FR 33455 E 19280928 - THOMSON HOUSTON COMP FRANCAISE
- [A] GB 2025138 A 19800116 - MERLIN GERIN
- [A] DE 2139702 A1 19720217 - MERLIN GERIN

Designated contracting state (EPC)
BE CH DE FR GB LI NL SE

DOCDB simple family (publication)
EP 0253433 A2 19880120; EP 0253433 A3 19881012; IT 207943 Z2 19880314; IT 8622525 V0 19860715

DOCDB simple family (application)
EP 87201263 A 19870703; IT 2252586 U 19860715