

Title (en)

CIRCUIT BREAKER EQUIPPED WITH A LOCK

Publication

**EP 0246727 A3 19890920 (EN)**

Application

**EP 87301284 A 19870213**

Priority

JP 7828386 U 19860523

Abstract (en)

[origin: EP0246727A2] A circuit breaker equipped with a key-operated lock 11 has a movable element 20 on which is secured a moving contact 20a. The movable element 20 is directly pivoted on a crossbar 21 by a pin 22. The crossbar 21 is made of a molded thermosetting resin and has an engaging portion 21c in the form of a protruding arm integrally formed thereon. The engaging portion 21c engages with a movable portion 11c of a lock 11. The engagement between the engaging portion 21c of the crossbar 21 and the movable portion 11c of the lock prevents the movement of the crossbar 21 and locks the circuit breaker.

IPC 1-7

**H01H 27/06**; **H01H 9/22**; **H01H 9/28**

IPC 8 full level

**H01H 73/02** (2006.01); **H01H 9/28** (2006.01); **H01H 73/00** (2006.01)

CPC (source: EP)

**H01H 9/285** (2013.01)

Citation (search report)

- [XD] JP S561063 Y2 19810112
- [Y] EP 0145990 A2 19850626 - WESTINGHOUSE ELECTRIC CORP [US]
- [A] US 4554421 A 19851119 - GRUNERT KURT A [US], et al

Cited by

EP1630836A1; EP1944780A1; EP2325856B1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0246727 A2 19871125**; **EP 0246727 A3 19890920**; **EP 0246727 B1 19930825**; DE 3787116 D1 19930930; DE 3787116 T2 19940421; JP S62191047 U 19871204

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