

Title (en)

Key lock device for circuit breaker

Title (de)

Schlüsselschlossvorrichtung für einen Trennschalter

Title (fr)

Dispositif de verrou pour disjoncteur

Publication

EP 1944780 A1 20080716 (EN)

Application

EP 07020822 A 20071024

Priority

- KR 20060033042 U 20061229
- KR 20060033043 U 20061229

Abstract (en)

Disclosed is a key lock device for a circuit breaker configuring a lock member for preventing a connection link from being moved to be linearly movable, thereby enabling to enhance the reliability in a locked state, as well as reducing an installation space. Further, the key lock device for the circuit breaker is fixed onto a panel fixed to the upper portion of a switching mechanism, thereby enabling to enhance the reliability of the operation, comparing with the related key lock device fixed to a cover covering the front side of the circuit breaker. Further, the key lock device for the circuit breaker is provided with a plurality of key bodies, and the key bodies are operated at the same time so as to release the circuit breaker from the locked state, thereby enabling to enhance the reliability with respect to the locked state.

IPC 8 full level

H01H 9/28 (2006.01)

CPC (source: EP)

H01H 9/285 (2013.01)

Citation (search report)

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- [A] EP 1630836 A1 20060301 - EATON CORP [US]
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Cited by

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Designated contracting state (EPC)

DE ES FR GB IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1944780 A1 20080716; EP 1944780 B1 20150408; CN 101211699 A 20080702; CN 101211699 B 20120808; ES 2541496 T3 20150721; MY 160154 A 20170228; RU 2007149072 A 20090710; RU 2382432 C2 20100220

DOCDB simple family (application)

EP 07020822 A 20071024; CN 200710160068 A 20071221; ES 07020822 T 20071024; MY PI20071880 A 20071031; RU 2007149072 A 20071228