

Title (en)

MECHANICAL LOCKING DEVICE FOR CONTACTORS, AND AUXILIARY TOOL THEREFOR

Title (de)

MECHANISCHE VERRIEGELUNGSEINRICHTUNG FÜR SCHALTSCHUTZE UND HILFSWERKZEUG HIERFÜR

Title (fr)

DISPOSITIF DE VERROUILLAGE MECANIQUE POUR CONTACTEUR, ET OUTIL AUXILIAIRE ASSOCIE

Publication

EP 1527471 B1 20060927 (DE)

Application

EP 04736389 A 20040609

Priority

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- EP 2004006217 W 20040609

Abstract (en)

[origin: US2006054477A1] A mechanical locking device for mechanically connected contactors includes a first and a second actuating member and a locking element. The actuating members are operatively connected respectively to an electromagnetic operating mechanism and a movable contact of a respective contactor. The first actuating member has a first curved recess adjacent the first connecting sidewall. The second actuating member has a second curved recess adjacent the second connecting sidewall. The locking element includes a rolling element received in a respective opening in each of the first and second connecting sidewalls. The first actuating member urges the locking element into the second recess when the first contactor is in a switched-on condition and the second actuating member urges the locking element into the first recess when the second contactor is in a switched-on condition.

IPC 8 full level

H01H 50/32 (2006.01)

CPC (source: EP US)

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