

Title (en)

Device for mechanical coupling of an overcurrent relay to a contactor

Title (de)

Anordnung zum mechanischen Ankoppeln eines Ueberlastrelais an einem Schütz

Title (fr)

Dispositif pour le couplage mécanique d'un relais de surintensité à un contacteur

Publication

EP 0896351 A3 19990414 (DE)

Application

EP 98102152 A 19980207

Priority

CH 186297 A 19970806

Abstract (en)

[origin: EP0896351A2] The mechanical coupling device uses a hook (3) projecting from the housing of the overload relay (1) to fit into a corresponding opening in the housing of the protection switch (2), with a locking pin (5) projecting from at least one of the flat side faces at the end (4) of the hook. A rigid terminal pin (10) projects from the relay housing to cooperate with a terminal clamp (11) of the protection switch, the locking pin located upon reception of the terminal pin in the terminal clamp.

IPC 1-7

H01H 83/22

IPC 8 full level

H01H 11/00 (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP US)

H01H 11/0031 (2013.01 - EP US); **H01H 83/223** (2013.01 - EP US)

Citation (search report)

- [DA] EP 0774768 A1 19970521 - EATON CORP [US]
- [A] EP 0219570 A1 19870429 - SQUARE D STARKSTROM GMBH [DE]

Cited by

US11120960B2

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0896351 A2 19990210; EP 0896351 A3 19990414; EP 0896351 B1 20040428; AT E265740 T1 20040515; DE 59811263 D1 20040603; DK 0896351 T3 20040601; ES 2216190 T3 20041016; PT 896351 E 20040730; US 6034584 A 20000307

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EP 98102152 A 19980207; AT 98102152 T 19980207; DE 59811263 T 19980207; DK 98102152 T 19980207; ES 98102152 T 19980207; PT 98102152 T 19980207; US 399298 A 19980107