

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

DOCDB simple family (application)

**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