

Title (en)

PROTECTION RELAY AND PROTECTED CONTROL SET WITH FRONT WIRING

Title (de)

SCHUTZRELAIS UND GESCHÜTZTE STEUEREINHEIT MIT STIRNVERKABELUNG

Title (fr)

RELAIS DE PROTECTION ET ENSEMBLE DE COMMANDE PROTEGE A CABLAGE FRONTAL

Publication

EP 1181704 B1 20030416 (FR)

Application

EP 00931331 A 20000519

Priority

- FR 0001393 W 20000519
- FR 9906450 A 19990520

Abstract (en)

[origin: FR2793948A1] The thermal protection relay has control wires to connect to power and contact control. The container (20) has a relay set back with respect to the front face (24) and a shoulder section (27) providing interconnection wiring (41,42) between control wire outlets. In service the interconnection wiring is masked by a cover.

IPC 1-7

H01H 83/22

IPC 8 full level

H01H 61/01 (2006.01); **H01H 50/04** (2006.01); **H01H 83/22** (2006.01)

CPC (source: EP US)

H01H 83/223 (2013.01 - EP US); **H01H 89/06** (2013.01 - EP US); **H01H 71/08** (2013.01 - EP US)

Cited by

US8305170B2; US7936241B2

Designated contracting state (EPC)

CH DE ES GB IT LI SE

DOCDB simple family (publication)

FR 2793948 A1 20001124; **FR 2793948 B1 20010629**; BR 0010761 A 20020219; BR 0010761 B1 20140415; CN 1179392 C 20041208; CN 1353856 A 20020612; DE 60002196 D1 20030522; DE 60002196 T2 20031016; EP 1181704 A1 20020227; EP 1181704 B1 20030416; ES 2192525 T3 20031016; JP 2003500817 A 20030107; JP 4364442 B2 20091118; MA 25358 A1 20011231; RU 2248061 C2 20050310; TR 200103304 T2 20020621; US 6512433 B1 20030128; WO 0072349 A1 20001130

DOCDB simple family (application)

FR 9906450 A 19990520; BR 0010761 A 20000519; CN 00808522 A 20000519; DE 60002196 T 20000519; EP 00931331 A 20000519; ES 00931331 T 20000519; FR 0001393 W 20000519; JP 2000620653 A 20000519; MA 26388 A 20011029; RU 2001134290 A 20000519; TR 200103304 T 20000519; US 97905401 A 20011116