

Title (en)
Connecting and switching device

Title (de)
Verbindungs- und Schaltvorrichtung

Title (fr)
Dispositif de liaison et de commutation

Publication
EP 1873865 A3 20080618 (DE)

Application
EP 07109614 A 20070605

Priority
DE 202006010091 U 20060627

Abstract (en)
[origin: US2008014799A1] A terminal block connecting apparatus includes first and second support members displaceable from a disengaged condition toward an engaged condition in which corresponding main terminal blocks are brought into electrical engagement, characterized by the provision of first and second test terminal blocks connected with the support members for electrical engagement when the first and second support members are in an intermediate condition between the disengaged and engaged conditions. One of the test terminal blocks is supported by a carrier member for movement relative to the associated support member, whereby the test terminal blocks will remain in electrical engagement during displacement of the support members between the test and connected conditions. A friction retaining arrangement serves to resist displacement of the carrier member relative to its associated support member.

IPC 8 full level
H01R 9/26 (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP US)
H01R 9/26 (2013.01 - EP US); **H01R 13/629** (2013.01 - EP US)

Citation (search report)

- [X] US 5434369 A 19950718 - TEMPCO DALE A [US], et al
- [X] US 5691518 A 19971125 - JONES MURRAY K [US], et al

Cited by
WO2018073016A1; DE202016105823U1; DE102022130279A1; WO2024104865A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2008014799 A1 20080117; US 7513800 B2 20090407; AT E449438 T1 20091215; CN 101106238 A 20080116; CN 101106238 B 20100602; DE 202007008001 U1 20071108; DE 502007002009 D1 20091231; EP 1873865 A2 20080102; EP 1873865 A3 20080618; EP 1873865 B1 20091118

DOCDB simple family (application)
US 82182707 A 20070626; AT 07109614 T 20070605; CN 200710128070 A 20070627; DE 202007008001 U 20070605; DE 502007002009 T 20070605; EP 07109614 A 20070605