

Title (en)
Connection and switch device

Title (de)
Verbindungs- und Schaltvorrichtung

Title (fr)
Dispositif de connexion et de commutation

Publication
EP 1855355 A3 20080611 (DE)

Application
EP 07105627 A 20070404

Priority
DE 202006006626 U 20060426

Abstract (en)
[origin: US2007254520A1] A terminal block connecting arrangement includes a first terminal block having a first electrical contact, an electrical device having a second electrical contact, a test terminal block arranged between the electrical apparatus and the first terminal block for displacement between a first test position spaced from the electrical apparatus and a contact position adjacent the electrical apparatus, the test terminal block having a double-ended electrical contact. A spring-biased detent device normally retains the test terminal block in the test position. As the first terminal block is progressively displaced toward the electrical device, the first contact is brought into engagement with one end of the contact on the test terminal block. Upon further displacement of the first terminal block toward the electrical device, the detent device is released, and the test terminal block is displaced to effect connection of the first contact with the second contact via the two-ended test contact.

IPC 8 full level
H01R 9/24 (2006.01); **H01R 13/629** (2006.01)

CPC (source: EP US)
H01R 9/2491 (2013.01 - EP US); **H01R 13/629** (2013.01 - EP US); **H01R 13/71** (2013.01 - EP US); **H01R 9/26** (2013.01 - EP US); **H01R 2201/20** (2013.01 - EP US)

Citation (search report)

- [XY] US 5434369 A 19950718 - TEMPCO DALE A [US], et al
- [XY] EP 0253170 A1 19880120 - LICENTIA GMBH [DE]
- [Y] US 4477701 A 19841016 - CASTONGUAY ROGER N [US], et al
- [Y] DE 3321497 A1 19841213 - SIEMENS AG [DE]

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)
DE 202006006626 U1 20070906; CN 100566025 C 20091202; CN 101064385 A 20071031; EP 1855355 A2 20071114; EP 1855355 A3 20080611; EP 1855355 B1 20120516; US 2007254520 A1 20071101; US 7367852 B2 20080506

DOCDB simple family (application)
DE 202006006626 U 20060426; CN 200710102110 A 20070426; EP 07105627 A 20070404; US 78842307 A 20070420