Title (en)

PLUG-IN CONNECTION ARRANGEMENT FOR AN ELECTRICAL TERMINAL BLOCK

Title (de)

STECKVERBINDUNGSANORDNUNG FÜR EINE REIHENKLEMME

Title (fr)

AGENCEMENT DE CONNEXION PAR INSERTION POUR UNE BORNE EN SÉRIE

Publication

EP 3785331 A1 20210303 (DE)

Application

EP 19717827 A 20190410

Priority

- DE 102018109861 A 20180424
- EP 2019059099 W 20190410

Abstract (en)

[origin: WO2019206636A1] The disclosure comprises a plug-in connection arrangement (100) for arranging a relay (101) in an electrical terminal block, wherein the relay (101) has a bottom wall (103), a side wall (105) and a contact plug (107), which projects out of the bottom wall (103), wherein the side wall (105) is arranged perpendicularly on the bottom wall (103) and has an offset portion (109) which contacts the bottom wall (103) and projects into the relay (101) in the direction of a surface normal of the side wall (105), wherein the electrical terminal block has a relay holder (111), which is designed to hold the relay (101), wherein the relay holder (111) has a socket (113), which is designed to hold the contact plug (107) when the relay (101) is inserted into the relay holder (111), and wherein the relay holder (111) further has an insulating wall (115), which, when the relay (101) is inserted into the relay holder (111), is aligned parallel to the side wall (105) and projects beyond the bottom wall (103) in order to form an angled insulation section for the contact plug (107) along a surface of the insulating wall (115).

IPC 8 full level

H01R 9/26 (2006.01)

CPC (source: EP US)

H01R 9/2433 (2013.01 - US); **H01R 9/2441** (2013.01 - US); **H01R 9/2633** (2013.01 - EP US)

Citation (search report)

See references of WO 2019206636A1

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BA ME

DOCDB simple family (publication)

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