

Title (en)

Device for connecting electrical conductors with actuating mechanism

Title (de)

Anschlussvorrichtung für elektrische Leiter mit Betätigungsvorrichtung

Title (fr)

Dispositif de connexion pour conducteurs électriques avec mécanisme d'actionnement

Publication

EP 1670098 A1 20060614 (DE)

Application

EP 05108711 A 20050921

Priority

DE 202004019109 U 20041210

Abstract (en)

The connector device (2) has a clamp point (12) at which is arranged a spring clamp (5) which is provided, directly or via a metal cage, in an insulating housing (1). The clamp is arranged to press against a current rail (9) when the lead is connected. The clamp has an associated actuator formed as a button to actuate the clamp to open the clamp point. The button has two application areas on its outer surface for applying an actuator tool (18).

IPC 8 full level

H01R 4/48 (2006.01)

CPC (source: EP US)

H01R 4/48365 (2023.08 - EP US)

Citation (applicant)

DE 29500614 U1 19950316 - WAGO VERWALTUNGS GMBH [DE]

Citation (search report)

- [X] EP 1322000 A2 20030625 - WEIDMUELLER INTERFACE [DE]
- [X] DE 4239480 A1 19940526 - WAGO VERWALTUNGS GMBH [DE]
- [E] EP 1641079 A1 20060329 - LEGRAND SA [FR], et al

Cited by

DE102012110895A1; DE102015122143A1; DE102015122143B4; WO2022228854A1; DE102012110895B4; WO2014075967A1; DE102021111100A1; DE102021111100B4

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2006128206 A1 20060615; US 7104833 B2 20060912; AT E545176 T1 20120215; CN 100442600 C 20081210; CN 1787289 A 20060614; DE 202004019109 U1 20060413; EP 1670098 A1 20060614; EP 1670098 B1 20120208; ES 2381898 T3 20120601

DOCDB simple family (application)

US 28862605 A 20051129; AT 05108711 T 20050921; CN 200510119372 A 20051102; DE 202004019109 U 20041210; EP 05108711 A 20050921; ES 05108711 T 20050921