

Title (en)

Plug-in connection and method for operating a plug-in connection for high voltage applications

Title (de)

Steckverbindung und Verfahren zum Betreiben einer Steckverbindung für Hochvolt-Anwendungen

Title (fr)

Connexion à fiche et procédé d'actionnement d'une connexion à fiche pour applications haute tension

Publication

**EP 2587595 B1 20210407 (DE)**

Application

**EP 12190438 A 20121029**

Priority

DE 102011117149 A 20111028

Abstract (en)

[origin: EP2587595A1] The connector has a plug-in connector unit (1) i.e. strapping plug, and a counter plug-in connector including respective housings (3) with contact partners (4) that are arranged with each other. The plug-in connector unit and the counter connector are moved relative to each other from pre-lock position into end-lock position if units e.g. protrusion (11), block and distant strap (14), independent of each other and formed by the plug-in connector unit and the counter connector are actuated. The contact partners are not electrically connected with each other in the pre-lock position. An independent claim is also included for a method for operating a plug-in connector for high voltage application.

IPC 8 full level

**H01R 13/639** (2006.01)

CPC (source: EP)

**H01R 13/639** (2013.01); **H01R 43/26** (2013.01); **H01R 2201/26** (2013.01)

Citation (examination)

DE 19525801 A1 19970116 - DYNAMIT NOBEL AG [DE], et al

Cited by

US10193273B2; WO2016087579A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2587595 A1 20130501**; **EP 2587595 B1 20210407**; DE 102012219774 A1 20130502; ES 2877821 T3 20211117

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