

Title (en)

PLUG-IN CONNECTION SYSTEM WITH AN INTEGRATED LOCK

Title (de)

STECKVERBINDUNGSSYSTEM MIT INTEGRIERTER VERRIEGELUNG

Title (fr)

SYSTEME DE CONNEXION PAR ENFICHAGE COMPORTANT UN DISPOSITIF DE VERROUILLAGE INTEGRE

Publication

EP 1652274 B1 20110615 (DE)

Application

EP 04763405 A 20040722

Priority

- EP 2004008204 W 20040722
- DE 10334071 A 20030725

Abstract (en)

[origin: WO2005013432A1] The aim of the invention is to provide a plug-in connection system which is economical to produce, is compact, is easy to handle and which connects to a module in an electrically reliable manner, said aims being achieved by means of a plug-in connection device. Said plug-in connection device comprises locking hooks (17) which are provided with unlocking elements (19). As a result, the locking hooks (17) can be maintained in an unlocked position such that the plug-in connection can be released in a simplified manner. Preferably, the unlocking elements project in an essentially non vertical manner over the housing (16) of the connection device or in an extrinsically vertical manner over the housing (16) of the connection device. The total space required for the plug-in connection system is reduced, thereby ensuring that the module is connected in an electrically reliable manner.

IPC 8 full level

H01R 13/518 (2006.01); **H01R 13/627** (2006.01)

CPC (source: EP US)

H01R 13/518 (2013.01 - EP US); **H01R 13/6273** (2013.01 - EP US)

Designated contracting state (EPC)

FR SE

DOCDB simple family (publication)

WO 2005013432 A1 20050210; CN 100527538 C 20090812; CN 1820396 A 20060816; DE 10334071 A1 20050303; DE 10334071 B4 20050707; EP 1652274 A1 20060503; EP 1652274 B1 20110615; US 2006205260 A1 20060914; US 7261584 B2 20070828

DOCDB simple family (application)

EP 2004008204 W 20040722; CN 200480019767 A 20040722; DE 10334071 A 20030725; EP 04763405 A 20040722; US 56563704 A 20040722