

Title (en)

Plug-in contact pair, plug-in contact and electric network component

Title (de)

Steckverbinderpaar, Steckverbinder und Bauteil eines elektrischen Netzwerks

Title (fr)

Paire de connecteurs à fiche, connecteur à fiche et composant de réseau électrique

Publication

**EP 0898341 A3 20000315 (EN)**

Application

**EP 98660079 A 19980820**

Priority

FI 973473 A 19970822

Abstract (en)

[origin: EP0898341A2] This invention relates to a plug-in contact pair consists of a male contact (1) and a female contact (2), wherein a first coupling element (6) of the male contact (1) and a second coupling element (9) of the female contact (2) are formed to be each other's counterparts in such a manner that they can be coupled to each other to provide an electric contact between a first and a second electric wires, and wherein the male and the female contacts are provided with locking means (12 to 16) which lock them together. In order that the interlocking of the plug-in contacts could be unlocked more easily than before, the locking means (12 to 16) of both the male contact and the female contact are formed for unlocking in such a way that a force exerted on the locking means of either one of the plug-in contacts (1, 2) unlocks the interlocking of the male contact and the female contact. <IMAGE>

IPC 1-7

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IPC 8 full level

**H01R 13/627** (2006.01); **H01R 13/633** (2006.01)

CPC (source: EP)

**H01R 13/6271** (2013.01); **H01R 13/633** (2013.01)

Citation (search report)

- [XY] US 3569909 A 19710309 - GARVER WILLIAM JOSEPH
- [Y] US 5462452 A 19951031 - DEVINE MICHAEL J [US]
- [Y] US 4392701 A 19830712 - WEIDLER CHARLES H
- [Y] DE 3343067 A1 19850605 - FESTO KG [DE]

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