

Title (en)

Securing device for electrical connectors and application thereof

Title (de)

Befestigungseinrichtung für elektrische Steckverbinder und Verwendung derselben

Title (fr)

Dispositif de fixation pour connecteurs électriques et son application

Publication

EP 1575135 A1 20050914 (EN)

Application

EP 05101446 A 20050225

Priority

- EP 05101446 A 20050225
- EP 04447063 A 20040312

Abstract (en)

The present invention concerns a securing device (1) for maintaining a first electrical connector (C1) in contact with a second electrical connector (C2) through at least one window (11) of a panel (10), the second connector being arranged behind that panel. <??>The securing device comprises at least two clips (2, 3) arranged on a front end (8) to be directed towards the panel. The clips are squeezed towards each other and inserted into the panel through the window and then slackened so as to press against the panel, for maintaining the securing device fastened thereto. They are squeezed again towards each other and removed from the panel for releasing the securing device. <??>The latter also comprises at least one hollow (4) starting from the front end and extending towards a rear end (9) of the securing device, having a laterally decreasing side in the direction from the front end to the rear end, and at least one outward opening (5) leading into it. That hollow receives the first connector through the outward opening, for maintaining the first connector in the securing device and for connecting it to the second connector at the front end through that opening. The first connector is positioned in the securing device by sliding it inside the hollow in the direction from the front end to the rear end; it is removed by a reverse operation. <IMAGE>

IPC 1-7

H01R 13/74

IPC 8 full level

H01R 13/74 (2006.01)

CPC (source: EP)

H01R 13/743 (2013.01)

Citation (search report)

- [Y] US 5525074 A 19960611 - TSUJI MASANORI [JP], et al
- [Y] GB 1367992 A 19740925 - AMF INC

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DE FR GB IT

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