

Title (en)

Holding frame with separate plug modules and method for mounting the holding frame with plug modules

Title (de)

Halterahmen mit separaten Steck-Modulen und Verfahren zur Bestückung eines Halterahmens mit Steck-Modulen

Title (fr)

Cadre de maintien avec modules de raccordement séparés et méthode pour le montage du cadre de maintien avec modules de raccordement

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Application

EP 15161644 A 20091209

Priority

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- EP 09812484 A 20091209
- EP 2009008780 W 20091209

Abstract (en)

[origin: WO2011069522A1] The invention relates to a system plug connector (1) for a plug connection of electrical conductors, which system plug connector accommodates plug modules (40) having electrical contacts retained therein, which are initially inserted perpendicularly into an area of a retaining frame (10, 20), in which a plug insert (30) locked therein is arranged, and then moved laterally in the retaining frame by 90° and retained. The housing frame (10, 20) is designed as a self-supporting part of the system plug connector for accommodating the plug modules (40) and can be protected against environmental influences by means of an enclosing housing. Furthermore, the plug modules (40), in contrast to previously common arrangements in plug connectors, can be inserted into the retaining frame (10, 20) and removed therefrom on both sides, in other words in the plugging direction or opposite the plugging direction.

IPC 8 full level

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CPC (source: EP KR US)

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CN109643866A; DE102016211300A1; DE102017108431B4; US10424864B2; WO2017174724A1; US10418773B2; US10424892B2; US10554007B2

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