

Title (en)
PLUG CONNECTOR

Title (de)
STECKVERBINDER

Title (fr)
CONNECTEUR

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Application
EP 12758489 A 20120913

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Abstract (en)
[origin: WO2013041439A2] A detachable plug connector, in particular a multiple plug connector, comprising a plug side (1) having an insulating plug housing (10) and having a plug element (2) embedded in the plug housing (10) comprising a pin segment (20) and a contact segment (21) for the electrically conductive connection to an external element, in particular a cable, and a socket side (3) having an insulating socket housing (30) and having a socket element (4) embedded in the socket housing (3) having a socket segment (40) and a contact segment (41) for an electrically conductive connection to an external element, in particular a cable (9), wherein the plug housing (10) can be plugged together with the socket housing (30) in a plug direction (S), and whereby the pin segments (20) of the plug elements (2) protrude into the socket segments (40) of the socket elements (4) in a contacting region (K1, K2) in the plugged state so that an electrical contact can be conveyed between the socket side (3) and the plug side (1) via the socket segment (40) and the pin segment (20), wherein a multitude of socket housings (30) are arranged next to one another, wherein at least one physical protective element (5) is arranged in the socket housing (30) and in the plug housing (10) per pairing of plug element (2) and socket element (4), wherein the physical protective element (5) protects the corresponding pair of plug element (2) and socket element (4) from external influences.

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Citation (search report)
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