

Title (en)

Connector and connector arrangement for connecting at least two conductors

Title (de)

Stecker und Steckeranordnung zum Anschließen von mindestens zwei Leitern

Title (fr)

Connecteur et agencement de connecteur pour connecter au moins deux conducteurs

Publication

EP 2239819 B1 20160113 (EN)

Application

EP 10003641 A 20100401

Priority

DE 102009016340 A 20090406

Abstract (en)

[origin: EP2239819A1] The invention relates to a connector (2) for connecting at least one conductor to another conductor, with at least one fastening portion (21) for securing the connector (2) to a mating connector (3). The invention further relates to a connector (2) with at least one contact element (27), which is configured so as to be electrically connectable to the conductor and can be contacted in a contact direction (K), and at least one guide element (11) which defines a connecting direction (V). In order to provide a connector which can be repaired simply and economically in the event of damage caused by the action of external force, even when the contact elements (27) or mating contact elements (27') are soiled, the invention provides for the fastening portion (21) to have a weakened region (23) arranged in the flux of force between the connector (2) and mating connector (3), and for the connector (2) to be configured so as to be able to be transferred, on exceeding of a predetermined release force acting on the connector, to a release state in which a material failure is concentrated in the weakened region (23).

IPC 8 full level

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