

Title (en)

Improved female contact for electric safety connector

Title (de)

Verbesserter Dosenkontakt für elektrische Sicherheitsstecker

Title (fr)

Contact femelle amélioré pour connecteur électrique de sécurité

Publication

EP 2696446 B1 20150415 (EN)

Application

EP 12425138 A 20120809

Priority

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Abstract (en)

[origin: EP2696446A1] A female contact (1) for an electric safety connector is described, adapted to receive and be connected to a male contact, and comprising: a supporting structure (3); an actuating element (5) adapted to be engaged by the male contact and penetrate with this latter one inside the supporting structure (3) to allow the connection; a safety element (7) adapted to allow the connection with the male contact but to prevent the penetration of the actuating element (5) into the supporting structure (3) in case of an attempt of localised actuation, wherein the safety element (7) is normally in a rest position not subjected to elastic forces without a connection; and an abutment element (9) operatively connected to at least one elastic means (11) and adapted to be engaged by the actuating element (5) during a connection for pushing the male contact inside the supporting structure (3) in opposition to the outward pushing force of the elastic means (11).

IPC 8 full level

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CPC (source: EP)

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