Title (en)

SOCKET, METHOD FOR PRODUCING SAME, AND PLUG CONNECTOR

Title (de)

BUCHSE, VERFAHREN ZU DEREN HERSTELLUNG, UND STECKVERBINDER

Title (fr)

DOUILLE, SON PROCÉDÉ DE FABRICATION, ET CONNECTEUR ENFICHABLE

Publication

EP 3984100 A1 20220420 (DE)

Application

EP 20730059 A 20200608

Priority

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- EP 2020065767 W 20200608

Abstract (en)

[origin: WO2020249497A1] The invention relates to a socket (1) for connecting to a plug, comprising a socket housing (2) with a socket wall (5) and a contact element (6). The socket wall (5) delimits a socket opening (9) in which the contact element (6) can be received. The contact element (6) has a contact region (28) which is designed to form a functional contact with the plug. The contact element (6) has at least one elastic contact section (11) at least in some regions, said contact section being designed to expand radially relative to a longitudinal direction (L) extending centrally through the socket when the plug is received in a contact element opening (10) of the contact element (6). The socket wall (5) has a limiting element (12) on the inner face, said limiting element being designed such that a radial expansion of the elastic contact section (11) of the contact element (6) is limited, wherein the limiting element (12) is in the region of the contact region (28) of the contact element (6) in particular.

IPC 8 full level

H01R 13/187 (2006.01); **H01R 13/11** (2006.01)

CPC (source: CN EP US)

H01R 13/111 (2013.01 - US); **H01R 13/187** (2013.01 - EP US); **H01R 13/40** (2013.01 - CN); **H01R 43/18** (2013.01 - CN US); H01R 13/111 (2013.01 - EP)

Citation (search report)

See references of WO 2020249497A1

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