

Title (en)
PLUG CONNECTOR

Title (de)
STECKVERBINDER

Title (fr)
CONNECTEUR ENFICHABLE

Publication
EP 1861898 B1 20100519 (DE)

Application
EP 06723586 A 20060321

Priority
• EP 2006002575 W 20060321
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Abstract (en)
[origin: US2008227332A1] The invention relates to a plug connector (100) with a housing (110) and with at least two electrical contact elements (112), which each have a longitudinal axis and which are arranged so that they are aligned on a plugging side of the housing (110) at predetermined positions and with a respective longitudinal axis parallel to a plugging direction (122) of the plug connector (100). Each electrical contact element (112) is placed inside the housing (100) in a manner that enables it to move in a plane perpendicular to the plugging direction (122), and is connected in an elastically resilient manner to at least one second electrical contact element (112) via at least one electrically non-conductive elastic spring element (114). The elastic spring element (114) is arranged and designed so that the electrical contact elements (112) are pre-positioned at the respective pre-positioned position up to tolerance allowances, and they can be displaced in an elastically resilient manner from this position in the plane perpendicular to the plugging direction (122).

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CPC (source: EP KR US)
H01R 13/629 (2013.01 - KR); **H01R 13/6315** (2013.01 - EP US)

Cited by
EP4081004A1; DE102021109720A1; EP2690721A1; US9147953B2; EP2639894A1; US8974237B2

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