

Title (en)

Male/female electrical connection with annular seal means

Title (de)

Elektrische Steckverbindung mit Runddichtung

Title (fr)

Connexion électrique des deux parties mâle et femelle avec joint annulaire

Publication

EP 0831560 A1 19980325 (EN)

Application

EP 97202558 A 19970820

Priority

DE 19638590 A 19960920

Abstract (en)

The electric connector is in two parts and consists of a coupling part (10) each exhibiting a receptacle housing (11) and an opposite coupling part (20) which can be coupled thereto. The receptacle (12) in the receptacle housing (11) is used for plugging in a plug-in housing (21) belonging to the opposite coupling part (20). In the coupled state an annular seal between the radial circumferential surface (26) of the plug-in housing (21) and the radial inner surface (16) of the receptacle housing (11) is active. In order to obtain a proper seal which is easy to handle it is proposed that the seal (31) be connected in modular manner to a carrier (32) and this constructional unit (30) be arranged in the annular gap between the circumferential surface (26) of the plug-in housing (21) and the inner surface (16) of the receptacle housing (11). This constructional unit (30) is fixed in the interior of the receptacle housing. <IMAGE>

IPC 1-7

H01R 13/52

IPC 8 full level

H01R 13/52 (2006.01)

CPC (source: EP)

H01R 13/5219 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT

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