

Title (en)
ELECTRICAL CONNECTOR HAVING TOLERANCE COMPENSATION

Title (de)
ELEKTRISCHER STECKVERBINDER MIT TOLERANZAUSGLEICH

Title (fr)
CONNECTEUR ÉLECTRIQUE ENFICHABLE AVEC COMPENSATION DES TOLÉRANCES

Publication
EP 3631904 A1 20200408 (DE)

Application
EP 18728877 A 20180601

Priority
• DE 102017112025 A 20170601
• EP 2018064419 W 20180601

Abstract (en)
[origin: WO2018220155A1] The invention relates to an electrical connector (1.1) comprising - an outer conductor (2.0) designed as a sleeve (2), - an inner conductor (3.0), and - a dielectric (4.0) which is designed as a cylindrical dielectric body (4) and which has an inner bore for receiving the inner conductor (3.0), wherein - the sleeve (2) is designed with an axial retaining portion (2.1) and an axial compensation portion (2.2) which are connected via an axial bending portion (2.3), - the bending portion (2.3) has at least one slot (5.1) running on a peripheral line (L1) of the sleeve (2), the non-slotted region being designed as the connecting bar (5.0) connecting the retaining portion (2.1) to the compensation portion (2.2), and - the dielectric body (5) has a first dielectric partial body (4.1) located in the retaining portion (2.1) and a dielectric partial body (4.2) located in the connection portion (2.2), the dielectric partial bodies (4.1, 4.2) being positioned at a distance from one another in the sleeve (2).

IPC 8 full level
H01R 12/91 (2011.01); **H01R 12/73** (2011.01); **H01R 24/50** (2011.01)

CPC (source: EP)
H01R 12/91 (2013.01); **H01R 12/73** (2013.01); **H01R 24/50** (2013.01); **H01R 2103/00** (2013.01)

Citation (search report)
See references of WO 2018220155A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2018220155 A1 20181206; CN 110710059 A 20200117; CN 110710059 B 20220111; DE 102017112025 A1 20181206; DE 102017112025 B4 20190912; EP 3631904 A1 20200408

DOCDB simple family (application)
EP 2018064419 W 20180601; CN 201880036438 A 20180601; DE 102017112025 A 20170601; EP 18728877 A 20180601