

Title (en)
COAXIAL PLUG-TYPE CONNECTOR ARRANGEMENT

Title (de)
KOAXIALE STECKVERBINDERANORDNUNG

Title (fr)
ARRANGEMENT DE CONNECTEUR COAXIAL

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Application
EP 06817767 A 20061220

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Abstract (en)
[origin: WO2007085099A1] The invention relates to a coaxial plug-type connector arrangement having two plug-type connectors (30, 40), which can be plugged one inside the other so as to latch in along a plug axis (47) and which each comprise a housing (31, 41), which extends in the direction of the plug axis (47) and acts as an outer conductor, said housing having a drilled through-hole (48, 50), in which an inner conductor contact (32, 42) is held in insulated fashion with a coaxial arrangement, wherein a coaxial contact sleeve (45) is formed on the housing (41) of the first plug-type connector (40), with which contact sleeve said plug-type connector (40) enters the second plug-type connector (30) so as to make contact when the two plug-type connectors (30, 40) are plugged one inside the other, and wherein detachable tensioning means (34, 37) for prestressing the two plug-type connectors (30, 40) with respect to one another in the plugged-in state are provided on the second plug-type connector (30), which tensioning means comprise a coaxial tensioning sleeve (34), which coaxially surrounds the contact sleeve (45) in the plugged-in state and subjects it to a force acting in the plugging direction. In such a plug-type connector arrangement, sealing towards the outside is achieved in a simple and space-saving manner by virtue of the fact that one or more seals (39) are arranged within the tensioning means (34, 37), which seals seal the intermediate space between the contact sleeve (45) and the drilled through-hole (48) of the second plug-type connector in the plugged-together state.

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Citation (search report)
See references of WO 2007085099A1

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• EP 1222717 B1 20030507 - HUBER+SUHNER AG [CH]
• EP 1603200 A1 20051207 - TECHPOINTE S A [CH]

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