

Title (en)

ASSEMBLY FOR A PLUG CONNECTOR PART WITH A CONTACT INSERT AND A GROUNDING ELEMENT

Title (de)

BAUGRUPPE FÜR EIN STECKVERBINDETEIL MIT EINEM KONTAKTEINSATZ UND EINEM ERDUNGSELEMENT

Title (fr)

ASSEMBLAGE D'UNE PIÈCE DE CONNECTEUR À FICHES AVEC INSERT DE CONTACT ET ÉLÉMENT DE MISE À LA TERRE

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Application

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Abstract (en)

[origin: WO2018192962A1] The invention relates to an assembly for a plug connector part (1, 3) comprising a plug housing (10, 30) and a contact insert (2, 4) which can be connected to the plug housing (10, 30) and which has an insulating body (20, 40) that consists of an electrically insulating material, forms a plug section (206, 406) which can be connected to a mating plug connector part (3, 1) in a plugged manner along a plug-in direction (E), and is arranged on the at least one electric contact element (22, 42) for electrically contacting a paired mating contact element (42, 22) of the mating plug connector part (3, 1). Additionally, a grounding element (23, 24, 25, 43, 44) is provided which is arranged on the insulating body (20, 40) and has a housing contact section (231, 242, 252, 431, 442) and is electrically connected to a grounding contact element (220, 230, 420, 430) arranged on the plug section (206, 406) in order to contact the mating plug connector part (4, 2) in a grounding manner, wherein the housing contact section (231, 242, 252, 431, 442) is designed to electrically contact the plug housing (10, 30) when the contact insert (2, 4) is connected to the plug housing (10, 30). In this manner, a plug connector part assembly is provided which simply and inexpensively allows the use of a plug housing made of metal.

IPC 8 full level

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