

Title (en)

ELECTRICAL CONNECTION ARRANGEMENT AND ELECTRICAL CONNECTING ELEMENT AND RECHARGEABLE BATTERY ARRANGEMENT THEREFOR

Title (de)

ELEKTRISCHE VERBINDUNGSANORDNUNG UND ELEKTRISCHES VERBINDUNGSELEMENT SOWIE AKKUMULATORANORDNUNG DAFÜR

Title (fr)

AGENCEMENT DE LIAISON ÉLECTRIQUE ET ÉLÉMENT DE LIAISON ÉLECTRIQUE, AINSI QU'AGENCEMENT D'ACCUMULATEURS CORRESPONDANT

Publication

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Application

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Abstract (en)

[origin: WO2012016644A1] The invention relates to an electrical connection arrangement with a first electrical terminal (1), a second electrical terminal (2) and an electrical connecting element (3) in the form of a sheet-metal strip, wherein the electrical connecting element (3) connects the first electrical terminal to the second electrical terminal via respective contact areas (14, 32, 33) provided on the electrical connecting element (3) and on the first and second electrical terminals (1, 2), wherein at least one of the contact areas (14, 32, 33) of the electrical connecting element (3) and/or of the first or second electrical terminal (1, 2) is produced with a structured surface, wherein the structured surface and/or the contact area respectively opposite the structured surface is plastically deformed as a result of the electrical connecting element (3) being fixed to the first and/or the second electrical terminal (1, 2), in comparison with the state existing prior to fixing of the electrical connecting element (3). In addition, the invention relates to an electrical connecting element for such an electrical connection arrangement and to a rechargeable battery arrangement.

IPC 8 full level

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