

Title (en)

BREAKER PLATE AND ITS USE IN BUSBARS OF DIFFERENT MATERIALS CONNECTED WITH EACH OTHER

Title (de)

LOCHSCHEIBE SOWIE DEREN VERWENDUNG BEI MITEINANDER VERBUNDENEN STROMSCHIENEN UNTERSCHIEDLICHER MATERIALIEN

Title (fr)

DISQUE PERFORE ET SON UTILISATION POUR DES RAILS ELECTRIQUES RELIES ENTRE EUX, CONSTITUES DE DIFFERENTS MATERIAUX

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Application

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Priority

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Abstract (en)

[origin: WO2018001954A1] The invention relates to a perforated disk having the following features: The perforated disk (1) made of metal has main surfaces (2, 3) on the opposite side of the disk; in the area of the one, first main surface (2), the perforated disk (1) is made of aluminum or an aluminum alloy; in the area of the other, second main surface (3), the perforated disk (1) is made of copper or copper alloy, characterized by the following feature: In the area of the disk side having the first main surface (2), the perforated disk (1) has elevations (8), which project beyond the first main surface (2) of the perforated disk (1) on this side of the disk. A perforated disk such as this can in particular be used as connecting platelet between overlappingly arranged, interconnected busbars (12, 13) made of different materials. A fastening means (14) passes through perforations in the busbars (12, 13) and firmly connects the busbars (12, 13), wherein in the area of the elevations (8) thereof, the perforated disk (1) contacts the one busbar (12) made of aluminum or an aluminum alloy, and in the area of the side that faces away from the elevations (8), the perforated disk (1) contacts the other busbar (13) made of copper or copper alloy.

IPC 8 full level

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CPC (source: EP)

H01R 4/304 (2013.01); **H01R 4/62** (2013.01); **H01R 25/145** (2013.01)

Citation (examination)

- US 4943247 A 19900724 - WISE JAMES H [US]
- US 3993397 A 19761123 - GUTSHALL CHARLES E

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US11799214B2; WO2021197778A1

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