

Title (en)

ASSEMBLY WITH RIGID CONNECTION RAILS FOR ELECTRICAL CONNECTION BETWEEN TWO RAILS

Title (de)

VORRICHTUNG MIT STARREN VERBINDUNGSSCHIENEN ZUR STROMFÜHRENDEN VERBINDUNG VON ERSTEN MIT ZWEITEN STROMSCHIENEN

Title (fr)

ASSEMBLAGE AVEC RAILS RIGIDES DE CONNEXION POUR LA CONNEXION ÉLECTRIQUE ENTRE DEUX RAILS

Publication

**EP 2345120 A2 20110720 (DE)**

Application

**EP 09764476 A 20091104**

Priority

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Abstract (en)

[origin: CA2743679A1] The invention relates to a device (50; 60) comprising rigid connecting bars (51; 61) for conductively connecting first (30; 130; 230) to second (133; 233; 334) busbars, the contact sides (70; 170; 270, 173; 273; 374) of which run parallel to each other and which can be held together with the connecting bars (51; 61) by applying pressure with the help of a first and a second connecting mechanism (80, 80), each of which has a connecting bolt (81) extending transverse to the contact sides. Each of the connecting bars (51; 61) has a first contact surface (56; 66) to conductively contact the contact side (70; 170; 270) of one of the first busbars (30; 130; 230) while having a second contact surface (57; 67) to conductively contact the contact side (173; 273; 374) of one of the second busbars (133; 233; 334). In order to be able to even more easily connect the first and second busbars, especially when said busbars are pre-assembled in segments, e.g. in power module segments of a wind power plant, the connecting bars (51; 61) have a first (53; 63) and a second (54; 64) recess that is open on one side, namely on the side facing the connecting bolts (81), such that the connecting bars embrace the connecting bolts (81).

IPC 8 full level

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