Title (en)
RAIL TRAIN BODY AND FABRICATION METHOD THEREFOR

Title (de)
SCHIENENZUGKÖRPER UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
CORPS DE RAME DE LONGS RAILS SOUDÉS ET PROCÉDÉ DE FABRICATION ASSOCIÉ

Publication
EP 3929054 A1 20211229 (EN)

Application
EP 19921319 A 20191114

Priority
- CN 201910221572 A 20190322
- CN 2019118258 W 20191114

Abstract (en)
A rail train body and a fabrication method therefor, the body (1) primarily comprising a main body structure formed by a roof (2), a side wall (3), a bottom rack (4), a side roof connecting section bar (5), a side bottom connecting section bar (6) and an independent door angle (7). The roof (2) is primarily formed by welding and installing a roof side beam section bar (21), an air conditioner plate section bar (22) and an arc-shaped roof section bar (23); the side wall (3) is primarily formed by welding and installing a side wallboard section bar (31), a door column section bar (32) and a side wall upper beam section bar (33); the bottom rack (4) is primarily formed by welding and installing bottom rack side beam section bars (41) located on two sides and a bottom rack floor section bar (42) in the middle position; the roof (2) and the side wall (3) and the side wall (3) and the bottom rack (4) are connected using a double shaft shoulder FWS. The present train body (1) solves the problem of difficulty in further reducing the weight of a conventional aluminum alloy body due to the strength limitations of the materials thereof, and avoids welding deformation.

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