

Title (en)
CAR BODY FOR A RAIL VEHICLE

Title (de)
WAGENKASTEN FÜR EIN SCHIENENFAHRZEUG

Title (fr)
CAISSE DE WAGON POUR UN VÉHICULE FERROVIAIRE

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Application
EP 17710919 A 20170315

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• EP 2017056116 W 20170315

Abstract (en)
[origin: WO2017178184A1] The invention relates to a car body for a rail vehicle, comprising a car body shell (1) having at least one roof opening (3) extending between side wall upper rails (2) of the car body shell (1) in the transverse direction of the car body shell (1), and comprising a removable roof element for completely closing the at least one roof opening (3), wherein the roof element is configured as a roof module (4) that is detachably secured on both sides of the side wall upper rails (2) and has a non-load-carrying outer skin (5), at least one roof bow (6) running underneath the outer skin (5) in the transverse direction of the car body for the load-carrying connection of lateral walls of the car body shell (1), and at least one functional layer (11, 14) arranged underneath the outer skin (5), wherein the outer skin (5), the at least one roof bow (6) and the at least one functional layer (11, 14) are securely connected to one another and form a pre-assembleable unit.

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