

Title (en)

CHASSIS UNIT HAVING A TRACTION MOTOR UNIT FOR A VEHICLE

Title (de)

FAHRWERKSEINHEIT MIT EINER FAHRMOTOREINHEIT FÜR EIN FAHRZEUG

Title (fr)

UNITÉ CHÂSSIS DOTÉE D'UNE UNITÉ MOTEUR DE TRACTION POUR UN VÉHICULE

Publication

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Application

**EP 11706567 A 20110301**

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Abstract (en)

[origin: WO2011110451A1] The invention relates to a chassis unit for a vehicle, in particular a rail vehicle, having a motor accommodating device (103), in particular a chassis frame, and an attachment device (105), which can be connected to the motor accommodating device (103), for a traction motor unit (104), wherein the motor accommodating device (103) defines a longitudinal direction, a lateral direction, a vertical direction and an upper side and an underside (103.4) in the vertical direction. The motor accommodating device (103) is designed to be supported in the vertical direction on at least one wheel unit which is to be driven by the traction motor unit (104). The attachment device (105) is designed to support the traction motor unit (104) in a substantially rigid fashion on the motor accommodating device (103) in the vertical direction by means of at least one positive engagement. The attachment device (105) is also embodied in such a way that, in order to mount the traction motor unit (104) on the motor accommodating device (103) on a mounting path (108), in particular from the underside (103.4) of the motor accommodating device (103), the traction motor unit (104) can be inserted into the motor accommodating device (103). The attachment device (105) has at least one attachment element (106) which can be engaged with the motor accommodating device (103) and the traction motor unit (104). This attachment element (106) can be moved into a locked position in a locking direction running transversely with respect to the mounting direction, when traction motor unit (104) is located in the region of the support position, wherein the attachment element (106) interacts in the locked position for supporting the traction motor unit (104) in the vertical direction with the motor accommodating device (103) via a first positive engagement acting in the vertical direction and with the traction motor unit (104) via a second positive engagement acting in the vertical direction.

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