Title (en)

DRIVE ARRANGEMENT FOR A RAIL VEHICLE, RAIL VEHICLE WITH A DRIVE ARRANGEMENT AND METHOD FOR PRODUCING THE DRIVE ARRANGEMENT AND THE RAIL VEHICLE

Title (de)

ANTRIEBSANORDNUNG FÜR SCHIENENFAHRZEUG, SCHIENENFAHRZEUG MIT ANTRIEBSANORDNUNG SOWIE VERFAHREN ZUM HERSTELLEN DER ANTRIEBSANORDNUNG UND DES SCHIENENFAHRZEUGS

Title (fr)

ENSEMBLE D'ENTRAÎNEMENT POUR VÉHICULE FERROVIAIRE, VÉHICULE FERROVIAIRE COMPRENANT L'ENSEMBLE D'ENTRAÎNEMENT ET PROCÉDÉ DE FABRICATION DE L'ENSEMBLE D'ENTRAÎNEMENT ET DU VÉHICULE FERROVIAIRE

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Application

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Abstract (en)

[origin: CA2989732A1] The invention relates to a drive arrangement for a rail vehicle having: a bearing structure for a bogie (1), a traction motor (7a, 7b) with a stator (15a, 15b) and a rotor (12b), and a transmission for transmitting drive energy from the traction motor (7a, 7b) to at least one wheel set (2a, 2b, 2c, 2d) of the bogie (1), wherein the drive arrangement is configured as a transverse drive, at least one partial volume of the traction motor (7a, 7b) is integrated into the bearing structure, the transmission is a spur-gear transmission (11a, 11b), wherein a drive shaft (13b) of the spur-gear transmission (11a, 11b) is coupled to the rotor (12b) of the traction motor (7a, 7b), and a drive shaft (14b) of the spur-gear transmission (11a, 11b) can be coupled or is coupled to at least one wheel (2d) of the wheel set (2a, 2b, 2c, 2d).

IPC 8 full level

B61C 9/50 (2006.01)

CPC (source: CN EP RU)

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