

Title (en)

METHOD AND DEVICE FOR DETECTING ROLL MOTION OF A RAIL VEHICLE CAR BODY RELATIVE TO THE BOGIE

Title (de)

VERFAHREN UND EINRICHTUNG ZUR ERKENNUNG EINER WANKBEWEGUNG EINES SCHIENENFAHRZEUGWAGENKASTENS GEGENÜBER DEM FAHRGESTELL

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT LA RECONNAISSANCE D'UN MOUVEMENT DE ROULIS D'UNE CAISSE DE WAGON DE VÉHICULE FERROVIAIRE PAR RAPPORT AU CHÂSSIS

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Application

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Abstract (en)

[origin: WO2018073331A1] The invention relates to a method and to a device for detecting roll motion of a rail vehicle car body (1) relative to the bogie (2) of a rail vehicle (3), wherein a signal (S) proportional to the roll motion is bandpass-filtered and the magnitude of the bandpass-filtered signal (S filter) is compared with a limit value (S lim) and rolling is determined on the basis of the limit value (S lim) being exceeded several times within an observation time period (T).

IPC 8 full level

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