

Title (en)

CHASSIS FOR A RAILWAY VEHICLE COMPRISING A HYDROMECHANICAL WHEEL SET CONTROL SYSTEM

Title (de)

FAHRWERK EINES SCHIENENFAHRZEUGS MIT EINEM HYDROMECHANISCHEN RADSATZSTEUERUNGSSYSTEM

Title (fr)

CHÂSSIS DE VÉHICULE FERROVIAIRE COMPRENANT UN SYSTÈME HYDROMÉCANIQUE DE COMMANDE DE JEU DE ROUE

Publication

EP 3816009 B1 20230419 (DE)

Application

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Priority

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Abstract (en)

[origin: CN112744250A] The present invention relates to a hydromechanical wheelset control system for a rail vehicle that comprises a leading wheelset and a trailing wheelset that is arranged behind the leading wheelset in the direction of locomotion, with the trailing wheelset having the property of adopting a favorable position in an arc of an undercarriage frame interacting with it and of a rail pair. The wheelset control system is characterized in that a wheelset control is provided that is connected to the leading wheelset control system and to the trailing wheelset control system and that is adapted to hydraulically deflect the leading wheelset in dependence on a deflection of the trailing wheelset, preferably by the same amount as the trailing wheelset, but in the opposite direction.

IPC 8 full level

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CPC (source: CN EP US)

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