

Title (en)
CHASSIS FOR A RAIL VEHICLE

Title (de)
FAHRWERK FÜR EIN SCHIENENFAHRZEUG

Title (fr)
TRAIN DE ROULEMENT D'UN VÉHICULE FERROVIAIRE

Publication
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Application
EP 15734129 A 20150702

Priority
• DE 102014214055 A 20140718
• EP 2015065069 W 20150702

Abstract (en)
[origin: CA2955206A1] The invention relates to a chassis (1) for a rail vehicle (901), comprising: a chassis frame supported at least on a first wheelset (3) and on a second wheelset (4), one A-arm (8) per wheelset on both sides of the chassis for the horizontal axle guidance of the wheelset, wherein each A-arm is connected in an articulated manner to one of two axle bearings of a wheelset by a wheelset-side bearing (9) and to the chassis frame by two frame-side bearings (10), wherein at least one of the bearings per A-arm has a hydraulic bushing (12) with variable longitudinal rigidity, wherein the hydraulic bushing has at least one fluid chamber (31, 32) fillable with a hydraulic fluid such that in the fluid chamber a hydraulic pressure can form, via which the longitudinal rigidity is adjustable, an acceleration sensor (601) per axle bearing for measuring a wheelset acceleration, and an adjustment device (605; 607) for adjusting the hydraulic pressure in at least one of the fluid chambers depending on the wheelset acceleration measured.

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