

Title (en)
CHASSIS FOR RAIL VEHICLES

Title (de)
FAHRWERK FÜR SCHIENENFAHRZEUGE

Title (fr)
CHÂSSIS POUR VÉHICULES SUR RAILS

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Abstract (en)
[origin: WO2018153436A1] The invention relates to a chassis for rail vehicles, comprising at least one first wheel (1) and one second wheel, at least one first wheel bearing (3) having a first wheel bearing housing (4) and a second wheel bearing having a second wheel bearing housing, at least one first primary spring (7) and one second primary spring, at least one primary spring-loaded support structure (8) and at least one active wheel positioning device (9), which has an actuator unit (10). In order to create advantageous design conditions, according to the invention, a first bearing (11) and a second bearing (12) are provided between the at least one wheel positioning device (9) and the at least one support structure (8), and a guide is provided between the at least one wheel positioning device (9) and the first wheel bearing housing (4). The unsuspended mass of the chassis is reduced by the suspension of the wheel positioning device (9) on the primary spring-loaded support structure (8).

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