

Title (en)
BOGIE FOR A RAIL VEHICLE

Title (de)
FAHRWERK FÜR EIN SCHIENENFAHRZEUG

Title (fr)
BOGIE POUR UN VÉHICULE FERROVIAIRE

Publication
EP 4308431 A1 20240124 (DE)

Application
EP 22730202 A 20220523

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Abstract (en)
[origin: WO2022248377A1] The invention relates to a bogie for a rail vehicle, comprising a support structure (1), and comprising at least a first wheelset (2) or at least one wheel pair, wherein the at least first wheelset (2) or the at least one wheel pair on each bogie side is coupled to the support structure (1) by means of a guide device; wherein a first actuator (10) is connected to an eccentric (15) of a guide bolt (13), in the form of an eccentric shaft, of a first guide device and is connected to the support structure (1); and wherein the first actuator (10) is connected to a resilient bearing (14) of the first guide device in series. According to the invention, the eccentric (15) and the support structure (1) are coupled together, even when the first actuator (10) is switched off, by means of at least one coupling force transmitted by the eccentric (15), which coupling force is dependent on a relative movement state between the eccentric (15) and the support structure (1). This results in a compact wheelset adjustment device or wheel adjustment device having a high level of safety.

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