

Title (en)  
BOGIE AXLE FOR A VEHICLE WITH A PREFERRED TRAVELLING DIRECTION, AND VEHICLE WITH AT LEAST ONE BOGIE AXLE OF THIS TYPE

Title (de)  
BOGIEACHSE FÜR EIN FAHRZEUG MIT EINER VORZUGSAHRTRICHTUNG UND FAHRZEUG MIT WENIGSTENS EINER SOLCHEN BOGIEACHSE

Title (fr)  
ESSIEU DE BOGIE POUR VÉHICULE À DIRECTION DE DÉPLACEMENT PRÉFÉRÉE, ET VÉHICULE ÉQUIPÉ D'AU MOINS UN ESSIEU DE BOGIE DE CE TYPE

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Application  
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Abstract (en)  
[origin: WO2022262953A1] The invention relates to a bogie axle (10) for a vehicle (12) with a preferred travelling direction (V). The bogie axle (10) comprises at least one axle rocker (14) which has, as output, two hubs (16) which are arranged spaced apart for the arrangement of a front wheel (18) and a rear wheel (18), and which has an eccentric axle rocker mounting (20) which is arranged between the hubs (16) for pivotable mounting of the axle rocker (14) on an axle carrier, wherein the axle rocker mounting (20) has, as input, an input shaft (22) which, in order to drive the front wheel (18) and the rear wheel (18), is coupled thereto via at least one transmission (24). A geometry of the at least one axle rocker (14) corresponds to formula (I): in which e denotes an eccentricity of a rotational axis (D) of the axle rocker mounting (20) in the preferred travelling direction (V) starting from a centre axis (M) which is arranged between the hubs (16). The invention further relates to a vehicle (12) with a bogie axle (10) of this type.

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