

Title (en)

LATERALLY FLEXIBLE SINGLE JOINT HAVING APPROXIMATELY LINEAR GUIDING BY MEANS OF A SHAFT

Title (de)

QUERWEICHES EINFACHGELENK MIT ANGENÄHERTER GERADFÜHRUNG MITTELS DEICHSEL

Title (fr)

ARTICULATION SIMPLE À ÉLASTICITÉ TRANSVERSALE PRÉSENTANT UN GUIDAGE RECTILIGNE APPROXIMATIF AU MOYEN D'UN TIMON

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Application

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Abstract (en)

[origin: WO2018041547A1] The invention relates to a multi-part rail-borne articulated vehicle, in particular a rail vehicle, comprising a first and at least one further second carriage body (1, 2) which are coupled to one another via a first joint (3), wherein the first joint (3) is arranged between the first and the second carriage body (1, 2) and is suitably designed for carrying out a rotational movement of the first and the second carriage body (1, 2) about a vertical axis of the rail vehicle, and for transmitting driving and braking forces between the first and the second carriage body (1, 2), wherein the first joint (3) is connected to the first carriage body (1) via a shaft (4) and is rigidly connected to the second carriage body, wherein the shaft (4) is arranged below the first carriage body (1) on the first carriage body (1) such that it can rotate about an axis of rotation (7), which provides a rotation of the shaft (4) in a horizontal plane such that the first joint (3) can be moved transverse to the longitudinal axis of the first carriage body (1).

IPC 8 full level

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