

Title (en)

IMPROVED RAILWAY BOGIE AND RAILWAY VEHICLE EQUIPPED WITH SUCH BOGIE

Title (de)

VERBESSERTES EISENBAHNDREHGESTELL UND SCHIENENFAHRZEUG MIT EINEM SOLCHEN DREHGESTELL

Title (fr)

BOGIE FERROVIAIRE PERFECTIONNÉ ET VÉHICULE FERROVIAIRE ÉQUIPÉ D'UN TEL BOGIE

Publication

EP 4242085 A1 20230913 (EN)

Application

EP 23160975 A 20230309

Priority

IT 202200004646 A 20220310

Abstract (en)

A railway bogie (1) is described, which comprises an articulated frame (2) extending along a longitudinal axis (A) and a plurality of wheels (3) which are carried in a rotatable manner by the articulated frame (2) independently of each other to allow the movement of the railway bogie (1) on a rolling plane (P); the articulated frame (2) comprises a central sub-frame (4) which carries a first pair (3a) of wheels (3), a front sub-frame (5) which carries a second pair (3b) of wheels (3) and is carried in a movable manner by the central sub-frame (4) so as to oscillate about a first rotation axis (S₁) orthogonal to the rolling plane (P), and a rear sub-frame (6) which carries a third pair (3c) of wheels (3) and is carried in a movable manner by the central sub-frame (4) so as to oscillate about a second rotation axis (S₂) orthogonal to the rolling plane (P).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAYI] US 422079 A 18900225
- [A] US 4164188 A 19790814 - HALLAM KEITH J [US], et al
- [A] EP 2184214 A1 20100512 - UNIV TOKYO [JP]
- [YA] US 1728096 A 19290910 - PAUL ALGRAIN
- [A] EP 0727339 A2 19960821 - STORK RMO BV [NL]

Designated contracting state (EPC)

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