

Title (en)

Motive axle system with movable wheels for railway vehicles

Title (de)

Antriebsachssystem mit verschiebbaren Rädern für Eisenbahnfahrzeuge

Title (fr)

Système d'essieu moteur avec roues déplaçables pour véhicules ferroviaires

Publication

EP 1120325 A2 20010801 (EN)

Application

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Priority

ES 200000156 A 20000126

Abstract (en)

A motive axle system with movable wheels for railway vehicles comprising a short axle (E) whose journal (1) is mounted on a first bearing (2); a tubular part (4) which has a wheel (R) at one of its ends and has an end area with an outer straight-toothed gearing (5'); a second bearing (7) attached to the tubular part (4), with axial bearings (8) on each side of the same; a box (9) which houses said bearings (7, 8), provided with protuberances (10) for co-operating with the rods of a bolt which immobilises the wheel (R) in positions corresponding to the different track gauges; and a hollow axle floating system (H) to transmit the drive of a traction motor by means of a bevel gear assembly and thus to make the wheel (R) turn.

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IPC 8 full level

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Citation (applicant)

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Cited by

CN102076544A; WO2009133227A3

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