

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 A3 20081015 (EN)**

Application

**EP 01500017 A 20010116**

Priority

ES 200000156 A 20000126

Abstract (en)

[origin: EP1120325A2] 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.

IPC 8 full level

**B61F 7/00** (2006.01)

CPC (source: EP ES)

**B61F 7/00** (2013.01 - EP ES)

Citation (search report)

- [A] EP 0857636 A2 19980812 - SUMITOMO METAL IND [JP]
- [A] EP 0873929 A2 19981028 - RAILWAY TECHNICAL RES INST [JP]
- [A] FR 1248694 A 19601223

Cited by

CN102076544A; WO2009133227A3

Designated contracting state (EPC)

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Designated extension state (EPC)

AL LT LV MK RO SI

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**EP 1120325 A2 20010801; EP 1120325 A3 20081015; EP 1120325 B1 20100224**; AT E458656 T1 20100315; DE 60141369 D1 20100408; ES 2192107 A1 20030916; ES 2192107 B1 20050216; ES 2341754 T3 20100628

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