

Title (en)

Bogie for railway vehicles with variable gauge wheels

Title (de)

Drehgestell für Schienenfahrzeuge mit Rädern mit verstellbarer Spurweite

Title (fr)

Bogie pour véhicules ferroviaires à roues à écartement variable

Publication

**EP 1247714 B1 20090930 (FR)**

Application

**EP 02290694 A 20020319**

Priority

FR 0104460 A 20010402

Abstract (en)

[origin: US2002139276A1] A bogie for rail vehicles with wheels with a variable track includes a chassis supporting a body of the vehicle and four wheels connected to the chassis by articulated arms. Each wheel is movable transversely relative to the articulated arm to occupy at least two positions corresponding to two different track gages and the arms are able to pivot about a pivot with a movement damped by primary suspension members. At least one articulated arm transmits rotation of the wheel to a secondary shaft and the secondary shaft is constrained to rotate with a braking and/or traction system.

IPC 8 full level

**B61F 7/00** (2006.01); **B61C 9/52** (2006.01); **B61F 5/32** (2006.01); **B61H 5/00** (2006.01)

CPC (source: EP US)

**B61C 9/52** (2013.01 - EP US); **B61F 5/325** (2013.01 - EP US); **B61F 7/00** (2013.01 - EP US)

Cited by

DE10239957A1; EP2783940A1; EP4112413A1; FR3124472A1; EP2824012A4; EP3521125A1; FR3076792A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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**EP 02290694 A 20020319**; CA 2378698 A 20020327; DE 60233837 T 20020319; ES 02290694 T 20020319; FR 0104460 A 20010402; JP 2002093925 A 20020329; US 10863702 A 20020329