

Title (en)

RAIL BOGIE HAVING WHEELS WHICH CAN BE ORIENTED ACCORDING TO THE CURVATURE OF THE TRACK

Title (de)

SCHIENENGESTELL MIT RÄDERN ZUR AUSRICHTUNG ENTSPRECHEND EINER STRECKENKRÜMMUNG

Title (fr)

BOGGIE FERROVIAIRE À ROUES ORIENTABLES SELON LA COURBURE DE LA VOIE

Publication

**EP 2193063 A1 20100609 (FR)**

Application

**EP 08856832 A 20080918**

Priority

- FR 2008001308 W 20080918
- FR 0706649 A 20070924

Abstract (en)

[origin: WO2009071768A1] The chassis C of the bogie carries two opposed Bissel trucks B1, B2 which, while each supporting one of the two wheelsets of this bogie, are articulated on this chassis C about vertical axes Z. Each Bissel truck is extended, on the opposite side to the wheelset and towards the other Bissel truck, by a head (6a, 6b) bearing an articulation A which controls its pivoting movement. According to the invention, this control articulation A surrounds the pivot (5) of the bogie and is connected, via connecting rods (27), to means (28) detecting the relative angular movement of the bogie C with respect to the chassis V of the vehicle. The means (28) act on the connecting rods (27) in order to pivot the Bissel trucks B1, B2 and to give the geometric axes of rotation G1, G2 of the wheelsets (9) an orientation in which these axes substantially progressively converge towards the centre of the curve of the track.

IPC 8 full level

**B61F 5/44** (2006.01)

CPC (source: EP)

**B61F 3/04** (2013.01); **B61F 5/44** (2013.01); **B61F 7/00** (2013.01)

Citation (search report)

See references of WO 2009071768A1

Cited by

CN109187059A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**FR 2921326 A1 20090327**; **FR 2921326 B1 20091113**; AT E517009 T1 20110815; EP 2193063 A1 20100609; EP 2193063 B1 20110720; ES 2369386 T3 20111130; WO 2009071768 A1 20090611

DOCDB simple family (application)

**FR 0706649 A 20070924**; AT 08856832 T 20080918; EP 08856832 A 20080918; ES 08856832 T 20080918; FR 2008001308 W 20080918