

Title (en)

Wheel translation control system for track gauge changers

Title (de)

System zum Verändern der Spurweite eines Schienenfahrzeuges

Title (fr)

Système pour changer l'écartement des roues d'un véhicule ferroviaire

Publication

**EP 0942100 A2 19990915 (EN)**

Application

**EP 99500023 A 19990212**

Priority

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Abstract (en)

A wheel translation control system in track gauge changers comprising load cells (C1, C2, C3) fitted in elastic sensing devices (9), housed in unlocking guides (5, 6) and joined to transverse translation guides (7, 8), summing junction boxes connected to said load cells to receive the signals generated by the latter when the wheel sets pass, a signal conditioning unit connected to said junction boxes to condition the analogical signals transmitted from the latter, and a digital equipment to process and store the signals received from the load cells and other data referring to the vehicle and its wheel sets. The invention is useful to detect anomalous translation behaviour of one or more wheels on passing from one track gauge to another. <IMAGE>

IPC 1-7

**E01B 26/00**

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

EP 0611847 A1 19940824 - INVASTESA [ES]

Cited by

ES2842962A1; ES2346945A1; DE10060957A1; EP3848268A4; WO2010024502A1; WO2010034859A1

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**EP 0942100 A2 19990915**; **EP 0942100 A3 20000412**; AU 2036199 A 19990923; CA 2263312 A1 19990912; CN 1232105 A 19991020; CZ 81599 A3 19990915; EE 9900005 A 19991015; HU 9900597 D0 19990528; HU P9900597 A2 20010528; JP 2000002606 A 20000107; PL 331915 A1 19990913; SK 24299 A3 20000313; TR 199900551 A2 19991021; TR 199900551 A3 19991021

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