

Title (en)

Procedure and device for guiding the wheel sets of railway vehicles

Title (de)

Verfahren und Einrichtung zur Radsatzführung von Schienen-Fahrzeugen

Title (fr)

Procédé et dispositif pour le guidage des trains de roues des véhicules ferroviaires

Publication

EP 0870664 B1 20080402 (DE)

Application

EP 98100507 A 19980114

Priority

DE 19715148 A 19970411

Abstract (en)

[origin: EP0870664A2] Predetermined static or quasi-static setting is provided by a guide frame. On this setting a variable setting angle is superimposed by an active control system, which allows several wheel-sets (3,3') to be inclined in the same or opposite directions. As control value for the setting angle (St) the angle of deflection (AR) of the bogie frame (2) or wheel-set from the vehicle body (1) can be used, dependent on time (sic). Wheel-set links adjustable for length can be locked in a stable position in the bogie frame in the event of failure of the active control system, preventing the bogie frame slewing in relation to the body.

IPC 8 full level

B61F 5/38 (2006.01); **B61F 5/32** (2006.01); **B61F 5/44** (2006.01)

CPC (source: EP)

B61F 5/325 (2013.01); **B61F 5/386** (2013.01); **B61F 5/44** (2013.01)

Cited by

DE102017003307A1; WO2022248377A1; WO2017202449A1; KR100916439B1; GB2364678A; GB2364678B; EP1209058A3; EP4011743A1; US8485109B2; EP3241716A1; AT518699A1; EP4223611A1; WO0115954A1; WO2008155185A1; US10300932B2; US7458324B2; US11529976B2; US6932173B2; WO2017157740A1; EP4155160A1; WO2016008731A1; WO03010039A3; WO2018153436A1; WO2018095961A1

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