

Title (en)

METHOD AND DEVICE FOR ACTIVE RADIAL CONTROL OF WHEEL PAIRS OR WHEEL SETS ON VEHICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AKTIVEN RADIALSTEUERUNG VON RADPAAREN ODER RADSÄTZEN VON FAHRZEUGEN

Title (fr)

PROCEDE ET DISPOSITIF DE COMMANDE RADIALE ACTIVE DE PAIRES DE ROUES OU DE JEUX DE ROUES DE VEHICULES

Publication

**EP 1412240 A2 20040428 (DE)**

Application

**EP 02776917 A 20020729**

Priority

- DE 10137443 A 20010727
- EP 0208436 W 20020729

Abstract (en)

[origin: WO03010039A2] The invention relates to a method for active radial control of the wheels (11, 53, 103, 108, 115) of at last one wheel unit (8, 9, 10, 51, 52) on a chassis, in particular a bogie on a tracked vehicle, whereby control movements are applied to the wheel unit (8, 9, 10, 51, 52) and an integrated regulation with control movements in at least two non-identical frequency ranges are carried out. First control movements in a first frequency range and second control movements in a second frequency range, different from the first frequency range are superimposed and applied to the wheel unit (8, 9, 10, 51, 52). The invention also relates to a device for carrying out said method.

IPC 1-7

**B61F 1/00**

IPC 8 full level

**B61F 1/00** (2006.01); **B61F 5/46** (2006.01); **B61F 5/38** (2006.01)

CPC (source: EP KR US)

**B61F 5/38** (2013.01 - KR); **B61F 5/383** (2013.01 - EP US)

Cited by

EP2762377A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03010039 A2 20030206; WO 03010039 A3 20031120**; AT E459517 T1 20100315; AU 2002339430 B2 20080703; CA 2454390 A1 20030206; CA 2454390 C 20120221; CN 1325315 C 20070711; CN 1527773 A 20040908; CZ 2004130 A3 20050112; DE 10137443 A1 20030306; DE 50214258 D1 20100415; DK 1412240 T3 20100621; EP 1412240 A2 20040428; EP 1412240 B1 20100303; ES 2341642 T3 20100624; HU 229434 B1 20131230; HU P0400802 A2 20040728; IL 160014 A0 20040620; IL 160014 A 20090922; JP 2004535330 A 20041125; JP 4459617 B2 20100428; KR 100916439 B1 20090907; KR 20040017835 A 20040227; NO 20040357 L 20040319; NO 333436 B1 20130603; PL 208479 B1 20110531; PL 367048 A1 20050221; PT 1412240 E 20100527; RU 2004105927 A 20050710; RU 2283254 C2 20060910; US 2005103223 A1 20050519; US 7458324 B2 20081202; ZA 200400554 B 20050517

DOCDB simple family (application)

**EP 0208436 W 20020729**; AT 02776917 T 20020729; AU 2002339430 A 20020729; CA 2454390 A 20020729; CN 02814061 A 20020729; CZ 2004130 A 20020729; DE 10137443 A 20010727; DE 50214258 T 20020729; DK 02776917 T 20020729; EP 02776917 A 20020729; ES 02776917 T 20020729; HU P0400802 A 20020729; IL 16001402 A 20020729; IL 16001404 A 20040122; JP 2003515408 A 20020729; KR 20047001148 A 20020729; NO 20040357 A 20040126; PL 36704802 A 20020729; PT 02776917 T 20020729; RU 2004105927 A 20020729; US 48599704 A 20041207; ZA 200400554 A 20040126