

Title (en)

MOUNTING AND CONTROL SOLUTION FOR A LIFT BOGIE'S TRAVELLING WHEEL

Title (de)

MONTAGE- UND STEUERLÖSUNG FÜR DAS LAUFRAD EINES HUBFAHRWERKS

Title (fr)

SOLUTION DE MONTAGE ET DE COMMANDE D'UNE ROUE MOBILE DE BOGGIE ÉLEVATEUR

Publication

EP 2611723 B1 20150304 (EN)

Application

EP 11773738 A 20110818

Priority

- FI 20105896 A 20100830
- FI 2011050723 W 20110818

Abstract (en)

[origin: WO2012028770A1] The solution comprises an outer bearing housing (41), which is supported on the lift bogie's body structure, a cylindrical inner bearing housing (42), which is fitted in the outer bearing housing's (41) axial first bore (41a), and a bearing element (43), through which the travelling wheel's shaft is supported in the inner bearing housing (42). The inner periphery (42a) of the inner bearing housing (42) is eccentric in relation to the outer periphery (42b) of the inner bearing housing (42), and the inner bearing housing (42) is locked in the outer bearing housing (41) with a friction lock (45, 46, 47, 49) in such a way that, on the one hand, the inner bearing housing (42) can be rotated step-lessly in the peripheral direction in order to control the desired eccentric position in relation to the outer bearing housing (41) and, on the other hand, it can be moved step-lessly in the axial direction in relation to the outer bearing housing (41) in order to control the desired gauge.

IPC 8 full level

B66C 9/08 (2006.01)

CPC (source: EP FI)

B66C 9/08 (2013.01 - EP FI)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2012028770 A1 20120308; EP 2611723 A1 20130710; EP 2611723 B1 20150304; FI 124036 B 20140214; FI 20105896 A0 20100830; FI 20105896 A 20120301; FI 20105896 L 20120301

DOCDB simple family (application)

FI 2011050723 W 20110818; EP 11773738 A 20110818; FI 20105896 A 20100830