

Title (en)

WHEEL ASSEMBLY FOR A RAIL VEHICLE

Title (de)

RAD-ANORDNUNG FÜR EIN SCHIENENFAHRZEUG

Title (fr)

ENSEMBLE ROUE POUR UN VÉHICULE FERROVIAIRE

Publication

**EP 3504097 B1 20230705 (DE)**

Application

**EP 17765438 A 20170913**

Priority

- AT 508752016 A 20160929
- EP 2017072984 W 20170913

Abstract (en)

[origin: WO2018059937A1] The invention relates to a wheel assembly for a rail vehicle, in particular for a loose-wheel chassis of a low-floor vehicle. The wheel assembly has at least one wheel (3), at least one axle stub (2), at least one rotational speed sensor (31), at least one ground contact (33), and a support device (23) which is arranged on the axle stub (2). The aim of the invention is to provide favorable structural conditions. This is achieved in that the support device (23) comprises at least one first support element (24) and a second support element (25), each of which is designed as an individual component. Thus, advantageously, the support device (23) can be configured in a flexible manner with respect to occurring loads, thereby reducing the weight and saving on costs. For example, a separate material selection can be made for each of the first support element (24) and the second support element (25), said selection conforming to the load on the first support element (24) and the second support element (25) on the basis of the components to be arranged thereon.

IPC 8 full level

**B61F 15/28** (2006.01)

CPC (source: AT EP)

**B61F 15/28** (2013.01 - AT EP); **B61H 5/00** (2013.01 - AT)

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 2018059937 A1 20180405**; AT 519147 A1 20180415; AT 519147 B1 20211115; EP 3504097 A1 20190703; EP 3504097 B1 20230705

DOCDB simple family (application)

**EP 2017072984 W 20170913**; AT 508752016 A 20160929; EP 17765438 A 20170913