

Title (en)
BULLET TRAIN GAUGE-CHANGEABLE BOGIE FOR RAILWAY VEHICLE

Title (de)
DREHGESTELL FÜR HOCHGESCHWINDIGKEITSZÜGE MIT VERÄNDERLICHER SPURWEITE FÜR SCHIENENFAHRZEUGE

Title (fr)
BOGIE À CALIBRE VARIABLE DE TRAIN SUPER-EXPRESS POUR VÉHICULE FERROVIAIRE

Publication
EP 3778339 A1 20210217 (EN)

Application
EP 18914285 A 20180927

Priority
• CN 2018107815 W 20180927
• CN 201810332050 A 20180413

Abstract (en)
A bullet train gauge-changing bogie for a railway vehicle comprises a frame, wherein wheels (10) of the gauge-changing wheelset are mounted with wheel-mounted brake discs (100); each of the side beams (20) or each of the cross beams is mounted with a brake clamp (1) and a mounting seat (2), and the brake clamp (1) is connected with the mounting seat (2) by support pins (3): the support pins (3) are horizontally disposed below the mounting seat (2), and both ends thereof are fixedly connected with the mounting seat (2), one end of the brake clamp (1) is provided with a connecting sleeve; the connecting sleeve is firmly sleeved with damping inner sleeves (4) with elastic damping; the connecting sleeve is locked on the support pins (3) through the damping inner sleeves (4). When the thrust on the connecting sleeve is greater than the damping force between the connecting sleeve and the support pins (3), the connecting sleeve drives the brake clamp (1) to move along the support pins (3).

IPC 8 full level
B61F 5/50 (2006.01); **B61F 7/00** (2006.01); **B61H 5/00** (2006.01)

CPC (source: CN EP)
B61F 5/22 (2013.01 - EP); **B61F 5/50** (2013.01 - CN EP); **B61F 7/00** (2013.01 - CN EP); **B61H 5/00** (2013.01 - CN)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3778339 A1 20210217; **EP 3778339 A4 20220105**; **EP 3778339 B1 20230201**; CN 108609028 A 20181002; CN 108609028 B 20200512; EA 202091905 A1 20210209; ES 2943070 T3 20230608; JP 2021516315 A 20210701; JP 7036932 B2 20220315; PL 3778339 T3 20230612; WO 2019196353 A1 20191017

DOCDB simple family (application)
EP 18914285 A 20180927; CN 201810332050 A 20180413; CN 2018107815 W 20180927; EA 202091905 A 20180927; ES 18914285 T 20180927; JP 2020546364 A 20180927; PL 18914285 T 20180927