

Title (en)

TORSION FREE BRAKE SHOE HOLDER HANGER FOR USE IN TRUCK OF RAILWAY VEHICLE

Title (de)

TORSIONSFREIER BREMSBACKENHALTERAUFHÄNGER ZUR VERWENDUNG IM DREHGESTELL EINES SCHIENENFAHRZEUGS

Title (fr)

BIELLE DE SUSPENSION DE PORTE-SEMELLE DE FREIN SANS TORSION DESTINE A ETRE UTILISE DANS LE BOGIE D'UN VEHICULE FERROVIAIRE

Publication

**EP 1534571 A4 20110413 (EN)**

Application

**EP 02793563 A 20021230**

Priority

- KR 0202486 W 20021230
- KR 20020043449 A 20020724

Abstract (en)

[origin: WO2004009421A1] Disclosed is a torsion free brake shoe holder hanger for use in a truck of a railway vehicle. The torsion free brake shoe holder includes: an upper lever including an upper connecting section formed on the upper thereof and having a hanger connecting hole formed therethrough to be connected to a hanger bracket of a truck frame end beam by a pin, an insertion groove formed in the center of the lower end thereof, and a pair of connecting rings formed on both sides of the insertion groove and having an upper connecting hole formed therethrough, each upper connecting ring being placed at a state in which the upper connecting ring is located by 90 degrees with respect to the upper connecting section; a lower lever inserted between the connecting rings of the upper connecting section; a lower lever inserted between the connecting rings of the upper lever to be connected to the upper lever, and including a lower connecting ring formed on the upper end thereof and having a lower connecting hole formed therethrough, and a brake shoe connecting hole formed therethrough to be connected to the brake shoe, the lower connecting ring being placed at a state in which the lower connecting ring is located by 90 degrees with respect to the lower connecting section; and a pin fit into the upper connecting holes of the upper lever and the lower connecting hole of the lower lever for rotational motion.

IPC 8 full level

**B61F 5/00** (2006.01); **B61H 13/00** (2006.01); **B61H 1/00** (2006.01); **B61H 13/38** (2006.01)

CPC (source: EP KR)

**B61F 5/00** (2013.01 - KR); **B61H 1/00** (2013.01 - EP); **B61H 13/00** (2013.01 - EP); **B61H 13/38** (2013.01 - EP)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2004009421A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 2004009421 A1 20040129**; EP 1534571 A1 20050601; EP 1534571 A4 20110413; KR 100463393 B1 20041223; KR 20030029451 A 20030414

DOCDB simple family (application)

**KR 0202486 W 20021230**; EP 02793563 A 20021230; KR 20020043449 A 20020724