

Title (en)

UNDERCARRIAGE OF A RAIL VEHICLE WITH RADIALY ADJUSTABLE WHEELSETS

Title (de)

FAHRWERK EINES SCHIENENFAHRZEUGES MIT RADIAL EINSTELLBAREN RADSÄTZEN

Title (fr)

TRAIN DE ROULEMENT D'UN VEHICULE SUR RAILS POURVU DE PAIRES DE ROUES REGLABLES RADIALEMENT

Publication

EP 1282549 B1 20050323 (DE)

Application

EP 01933950 A 20010510

Priority

- DE 10023039 A 20000511
- EP 0105330 W 20010510

Abstract (en)

[origin: WO0185521A1] The invention relates to an undercarriage of a rail vehicle with radially adjustable wheelsets, comprising two spiral springs (5, 6) per bogie wheel (1) that are disposed at both sides of axle box case (3, 20, 21). The spiral springs (5, 6) are supported at their lower ends via at last one seat (7, 22, 23) of the axle box case (3, 20, 21). The upper ends of the said spiral springs (5, 6) exert pressure on inclined planes (10, 11) of a seat (12) of the undercarriage frame or bogie frame via friction wedges (8, 9). The lateral surfaces of said friction wedges (8, 9) facing the axle box case (3, 20, 21) exert a pressure on said axle box case (3, 20, 21).

IPC 1-7

B61F 5/30

IPC 8 full level

B61F 5/30 (2006.01)

CPC (source: EP)

B61F 5/308 (2013.01)

Cited by

WO2020191979A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0185521 A1 20011115; AT E291541 T1 20050415; CA 2409490 A1 20021108; DE 10023039 A1 20011115; DE 50105693 D1 20050428; DK 1282549 T3 20050808; EP 1282549 A1 20030212; EP 1282549 B1 20050323; ES 2241824 T3 20051101; PT 1282549 E 20050630

DOCDB simple family (application)

EP 0105330 W 20010510; AT 01933950 T 20010510; CA 2409490 A 20010510; DE 10023039 A 20000511; DE 50105693 T 20010510; DK 01933950 T 20010510; EP 01933950 A 20010510; ES 01933950 T 20010510; PT 01933950 T 20010510