

Title (en)

Actuator for rail vehicle brakes

Title (de)

Betätigungseinrichtung für eine Schienenbremse

Title (fr)

Appareil de mise en action des freins de véhicules ferroviaires

Publication

EP 1145929 A3 20021218 (DE)

Application

EP 01106485 A 20010326

Priority

DE 10018514 A 20000414

Abstract (en)

[origin: EP1145929A2] The operation unit (20) has at least one operation element to move a brake (30) mounted on the vehicle bogie (1) between braked and rest positions. The operation unit has an operation cylinder (22) on each side of the bogie and a spring unit with two springs (26). The spring unit holds the brake at a given minimum distance to the upper edge of the rail in the rest position. Centring devices hold the brake in the rest position without play. An Independent claim is included for a method to move a railway vehicle brake from a rest to a braked position.

IPC 1-7

B61H 7/00; **B61H 7/08**

IPC 8 full level

B61H 7/00 (2006.01); **B61H 7/08** (2006.01)

CPC (source: EP)

B61H 7/086 (2013.01)

Citation (search report)

- [X] CH 372337 A 19631015 - SCHWEIZ WAGONS AUFZUEGEFAB [CH]
- [X] DE 1903315 A1 19700730 - KNORR BREMSE GMBH
- [X] FR 2544406 A1 19841019 - BERGISCHE STAHLINDUSTRIE [DE]
- [X] DE 539775 C 19311203 - AEG
- [X] US 2103354 A 19371228 - FARMER CLYDE C
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Cited by

EP1712445A1; AT513555A1; AT525629A4; AT525629B1; WO2022189127A1; WO2023285047A1

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)

EP 1145929 A2 20011017; **EP 1145929 A3 20021218**; **EP 1145929 B1 20041124**; AT E283190 T1 20041215; DE 10018514 A1 20011025; DE 50104574 D1 20041230; DK 1145929 T3 20050228; ES 2231327 T3 20050516

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