

Title (en)

Spring applied parking brake for railcars

Title (de)

Federkraftbetätigte Feststellbremse für Eisenbahwaggon

Title (fr)

Frein de stationnement à ressort pour wagons

Publication

EP 1241069 A1 20020918 (EN)

Application

EP 02005275 A 20020311

Priority

- CA 2370807 A 20020206
- US 80970301 A 20010315

Abstract (en)

A spring applied parking brake for rail cars is provided and is operably connected to the train pneumatic brake systems. In a preferred embodiment the brake is automatically applied when brake pipe pressure falls below 2,758hPa (40psi) nominal. The pneumatic valving for the parking brake prevents application of the valve in an emergency braking situation, until the pressure has bled off in normal system leakage, preventing wheel damage. A handle is provided for manual application and release of the parking brake when desired. <IMAGE>

IPC 1-7

B61H 13/02

IPC 8 full level

B60T 13/38 (2006.01); **B61H 13/00** (2006.01); **B61H 13/02** (2006.01)

CPC (source: EP)

B61H 13/005 (2013.01)

Citation (search report)

- [A] US 4978178 A 19901218 - ENGLE THOMAS H [US]
- [A] US 4799741 A 19890124 - ENGLE THOMAS H [US]
- [A] US 6179093 B1 20010130 - DAUGHERTY JR DAVID W [US]

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1241069 A1 20020918; BR 0201276 A 20021210; CN 1304235 C 20070314; CN 1400127 A 20030305; JP 2002331934 A 20021119; ZA 200200905 B 20021030

DOCDB simple family (application)

EP 02005275 A 20020311; BR 0201276 A 20020308; CN 02107329 A 20020315; JP 2002072465 A 20020315; ZA 200200905 A 20020131