

Title (en)

TRAIN INTEGRITY PROVING DEVICE AND METHOD

Title (de)

VORRICHTUNG UND VERFAHREN ZUR PRÜFUNG DER ZUGINTEGRITÄT

Title (fr)

DISPOSITIF ET PROCÉDÉ PERMETTANT DE PROUVER L'INTÉGRITÉ D'UN TRAIN

Publication

EP 4079596 A1 20221026 (EN)

Application

EP 22169341 A 20220421

Priority

GB 202105753 A 20210422

Abstract (en)

A device (10) is provided for performing a train integrity check on a train comprising a number of wagons, each wagon provided with air brakes operable by a pressure difference between a brake pipe (18) and a main reservoir pipe (22). The device comprises a spring-biased one-way valve, comprising an air path (12) having a first end (16) arranged to connect with the brake pipe (18) and a second end (20) arranged to connect with the main reservoir pipe (22).

IPC 8 full level

B61L 15/00 (2006.01)

CPC (source: EP GB)

B61L 15/0036 (2013.01 - EP); **B61L 15/0054** (2013.01 - EP GB)

Citation (search report)

- [A] DE 202006015627 U1 20070201 - AAIT ANLAGEN UND INDUSTRIETECH [DE]
- [A] CH 438411 A 19670630 - OERLIKON BUEHRLE HOLDING AG [CH]
- [A] DE 102007026407 A1 20081211 - SIEMENS AG [DE]
- [A] DE 102010011949 A1 20110922 - KNORR BREMSE SYSTEME [DE]

Cited by

GB202401164D0

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4079596 A1 20221026; EP 4079596 B1 20231011; EP 4079596 C0 20231011; GB 202105753 D0 20210609; GB 2606014 A 20221026

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EP 22169341 A 20220421; GB 202105753 A 20210422