

Title (en)

MONITORING DEVICE FOR AT LEAST ONE SUB-UNIT OF A HYDRAULIC BRAKE SYSTEM AND METHOD FOR EXAMINING A FUNCTIONAL CAPABILITY OF AT LEAST ONE SUB-UNIT OF A HYDRAULIC BRAKE SYSTEM

Title (de)

ÜBERWACHUNGSVORRICHTUNG FÜR ZUMINDEST EINE UNTEREINHEIT EINES HYDRAULISCHEN BREMSSYSTEMS UND VERFAHREN ZUM UNTERSUCHEN EINER FUNKTIONSFÄHIGKEIT ZUMINDEST EINER UNTEREINHEIT EINES HYDRAULISCHEN BREMSSYSTEMS

Title (fr)

DISPOSITIF DE SURVEILLANCE D'AU MOINS UNE SOUS-UNITÉ D'UN SYSTÈME DE FREINAGE HYDRAULIQUE ET PROCÉDÉ DE CONTRÔLE DE LA CAPACITÉ DE FONCTIONNEMENT D'AU MOINS UNE SOUS-UNITÉ D'UN SYSTÈME DE FREINAGE HYDRAULIQUE

Publication

**EP 2729335 A1 20140514 (DE)**

Application

**EP 12719736 A 20120510**

Priority

- DE 102011078890 A 20110708
- EP 2012058601 W 20120510

Abstract (en)

[origin: WO2013007417A1] The invention relates to a monitoring device for at least one sub-unit of a hydraulic brake system and to a method for examining a functional capability of at least one sub-unit of a hydraulic brake system, comprising the steps of detecting at least one pressure variable (p) of a pressure (S1) prevailing in the hydraulic brake system, and comparing the detected pressure variable (p) with a predefined comparative value range ([pO]) (S2), wherein, at least if the detected pressure variable (p) deviates from the predefined comparison ([pO]), a pressure change variable (??) relating to a temporal change of the pressure variable (p) is detected (S4) and the detected pressure change variable (??) is compared with a predefined minimum change variable (???) (S5), and the functional capability is determined, taking into account the comparison of the pressure variable (p) with the predefined comparative value range ([pO]) (S3), and, at least if the detected pressure variable (p) deviates from the predefined comparative value range ([pO]), taking into account the comparison of the pressure change variable (??) with the predefined minimum change variable (???) (S6, S7).

IPC 8 full level

**B60T 8/88** (2006.01); **B60T 17/22** (2006.01)

CPC (source: EP US)

**B60T 8/885** (2013.01 - EP US); **B60T 17/22** (2013.01 - EP US); **B60T 17/221** (2013.01 - US); **B60T 2270/403** (2013.01 - EP US); **B60T 2270/404** (2013.01 - EP US); **B60T 2270/413** (2013.01 - EP US)

Citation (search report)

See references of WO 2013007417A1

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

DOCDB simple family (publication)

**DE 102011078890 A1 20130110**; CN 103648867 A 20140319; CN 103648867 B 20170714; EP 2729335 A1 20140514; JP 2014520030 A 20140821; JP 5863961 B2 20160217; KR 101948955 B1 20190215; KR 20140047114 A 20140421; US 2014236419 A1 20140821; US 9718451 B2 20170801; WO 2013007417 A1 20130117

DOCDB simple family (application)

**DE 102011078890 A 20110708**; CN 201280033965 A 20120510; EP 12719736 A 20120510; EP 2012058601 W 20120510; JP 2014516242 A 20120510; KR 20147003086 A 20120510; US 201214130979 A 20120510