

Title (en)

ACTIVE BRAKING STATE MONITORING UNIT AND SYSTEM

Title (de)

AKTIVE BREMSZUSTANDSÜBERWACHUNGSEINHEIT UND SYSTEM

Title (fr)

UNITÉ ET SYSTÈME DE SURVEILLANCE D'ÉTAT DE FREINAGE ACTIF

Publication

EP 3880528 A1 20210922 (EN)

Application

EP 19789922 A 20191015

Priority

- CN 201811338733 A 20181112
- EP 2019077842 W 20191015

Abstract (en)

[origin: WO2020099049A1] An active braking state monitoring unit, used for monitoring a state of a vehicle braking system, comprises: a first estimation module (10) based on a physical model, configured to estimate a temperature of a brake disc using Kalman filtering technology on the basis of a measured value of a brake pad temperature sensor; and a monitoring module (20), configured to monitor the state of the braking system on the basis of the measured value of the brake pad temperature sensor and the estimated brake disc temperature.

IPC 8 full level

B60T 17/22 (2006.01)

CPC (source: CN EP)

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Citation (search report)

See references of WO 2020099049A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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