

Title (en)

COMPONENT, DEVICE AND SYSTEM FOR UNIDIRECTIONAL DATA TRANSMISSION

Title (de)

BAUELEMENT, VORRICHTUNG UND SYSTEM ZUR UNIDIREKTIONALEN DATENÜBERTRAGUNG

Title (fr)

MODULE, DISPOSITIF ET SYSTÈME DE TRANSMISSION DE DONNÉES UNIDIRECTIONNELLE

Publication

**EP 3956991 A1 20220223 (DE)**

Application

**EP 20728955 A 20200511**

Priority

- DE 102019207996 A 20190531
- EP 2020062992 W 20200511

Abstract (en)

[origin: WO2020239409A1] The invention relates to a component (1) and a device (10) for unidirectional data transmission, as well as a system (100) for the monitoring and diagnosis of a control network (200) for operating rail vehicles (201) and/or signals boxes (202). The component (1) comprises a transmitter unit (2) for wirelessly transmitting a data signal (S) with a frequency lower than 300 GHz and a receiver unit (3) for wirelessly receiving the data signal (S), wherein the transmitter unit (2) and the receiver unit (3) are each integrated into the component (1) and are arranged at a distance (d) of less than 10 mm from one another.

IPC 8 full level

**H04B 5/00** (2006.01)

CPC (source: EP)

**H04B 5/72** (2024.01); **H04B 5/75** (2024.01)

Citation (search report)

See references of WO 2020239409A1

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

DOCDB simple family (publication)

**WO 2020239409 A1 20201203**; DE 102019207996 A1 20201203; EP 3956991 A1 20220223

DOCDB simple family (application)

**EP 2020062992 W 20200511**; DE 102019207996 A 20190531; EP 20728955 A 20200511