

Title (en)

TACHOGRAPH, ARRANGEMENT AND METHOD FOR TRANSMITTING DATA OVER A USER-FRIENDLY INTERFACE

Title (de)

TACHOGRAPH, ANORDNUNG UND VERFAHREN ZUR DATEN-ÜBERTRAGUNG ÜBER EINE BENUTZERFREUNDLICHE SCHNITTSTELLE

Title (fr)

TACHYGRAPHE, ENSEMBLE ET PROCÉDÉ DE TRANSFERT DE DONNÉES PAR UNE INTERFACE AISÉE À UTILISER

Publication

**EP 2188785 A1 20100526 (DE)**

Application

**EP 08786433 A 20080725**

Priority

- EP 2008059772 W 20080725
- DE 102007038690 A 20070815

Abstract (en)

[origin: WO2009021825A1] A tachograph (2) is proposed which stores driver-related and/or vehicle-related data (D) in digital form in an internal memory and has an interface for transmitting the data (D) to external devices (3), in which the interface is an interface (8) which is configured in a freely accessible fashion on the front panel (2) of the tachograph (2) and which is configured for the transmission of authentication data (A) and for the transmission of data (D) independently thereof. Likewise, an arrangement which is equipped with said tachograph (2) and a method which is carried out with said tachograph (2) for the purposes of transmitting data, in particular for downloading data by remote data interrogation are proposed. The interface (8) is preferred for the transmission of authentication data (A) and of driver-related and/or vehicle-related data (D) in accordance with a standardized remote data interrogation protocol, in particular what is referred to as the remote download protocol (RDP), as a result of which the corresponding functionalities can be made easily and directly accessible in a user-friendly fashion via the interface on the front side of the tachograph device. As a result, for example the company card (32) can also be removed after the authentication, and the data download which is time-consuming per se can be carried out without the card. The card (32) can therefore still be used for a further download in another vehicle while the download is running.

IPC 8 full level

**G07C 5/00** (2006.01); **G07C 5/08** (2006.01)

CPC (source: EP)

**G07C 5/008** (2013.01); **G07C 5/085** (2013.01)

Citation (search report)

See references of WO 2009021825A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**DE 102007038690 A1 20090219**; EP 2188785 A1 20100526; EP 2188785 B1 20190911; WO 2009021825 A1 20090219

DOCDB simple family (application)

**DE 102007038690 A 20070815**; EP 08786433 A 20080725; EP 2008059772 W 20080725