

Title (en)

DATA TRANSMISSION IN AN ARRANGEMENT COMPRISING A TACHOGRAPH

Title (de)

DATENÜBERTRAGUNG IN EINER ANORDNUNG MIT EINEM TACHOGRAPHEN

Title (fr)

TRANSMISSION DE DONNEES DANS UN ENSEMBLE COMPORTANT UN TACHYGRAPHE

Publication

EP 1759357 A1 20070307 (DE)

Application

EP 05749323 A 20050525

Priority

- EP 2005052394 W 20050525
- DE 102004030869 A 20040625

Abstract (en)

[origin: WO2006000507A1] The invention relates to an arrangement (1) comprising a tachograph (2), an external mobile data memory device (3) with an external second interface (10), said interface corresponding with the first interface (9), for providing data (50) transmission. The invention also relates to a method for transmitting data in an arrangement of the aforementioned type. For safety reasons, conventional arrangements provide for a complete mechanical isolation of the memory device (3) during transmission, said memory device being configured as a data card. In order to reduce cost without compromising safety, the inventive tachograph (2) comprises a first encoding unit (32) associated to an interface (9) of the tachograph (2) and the data memory device (3) comprises a second encoding unit (42) to enable data (50) transmission in encoded form.

IPC 8 full level

G01P 1/12 (2006.01); **G07C 5/00** (2006.01); **G07C 5/08** (2006.01); **G07C 7/00** (2006.01)

CPC (source: EP US)

G07C 5/02 (2013.01 - EP US); **G07C 5/0858** (2013.01 - EP US)

Citation (search report)

See references of WO 2006000507A1

Citation (examination)

- WO 9713208 A1 19970410 - SCIENTIFIC ATLANTA [US], et al
- US 5623637 A 19970422 - JONES MICHAEL F [US], et al
- WO 0042491 A1 20000720 - RAINBOW TECHNOLOGIES INC [US]
- GB 2323169 A 19980916 - IND TEXTILES & PLASTICS LIMITE [GB], et al
- DE 4116042 A1 19911219 - YAZAKI CORP [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102004030869 A1 20060119; BR PI0512618 A 20080325; CN 101095169 A 20071226; EP 1759357 A1 20070307; JP 2008503814 A 20080207; RU 2007102685 A 20080727; RU 2387014 C2 20100420; US 2008059701 A1 20080306; US 8200984 B2 20120612; WO 2006000507 A1 20060105

DOCDB simple family (application)

DE 102004030869 A 20040625; BR PI0512618 A 20050525; CN 200580020869 A 20050525; EP 05749323 A 20050525; EP 2005052394 W 20050525; JP 2007517268 A 20050525; RU 2007102685 A 20050525; US 57121505 A 20050525