

Title (en)

Method for avoiding fraud on a taximeter or a tachograph

Title (de)

Verfahren zum Vermeiden von Betrügereien an einem Taxameter oder einem Fahrtenschreiber

Title (fr)

Procédé pour éviter les fraudes sur un taximètre ou chronotachygraphe

Publication

**EP 0892366 A1 19990120 (FR)**

Application

**EP 98420117 A 19980709**

Priority

FR 9709237 A 19970716

Abstract (en)

A possible type of fraud consists in adding an impulse generator of slightly higher frequency to the system such that the taximeter sees the correct pulse train (A) and the higher frequency pulse train (B) superimposed as an irregular pulse train (C) at the higher frequency. The fraud may be detected by causing the microprocessor in the taximeter or tachygraph to sample a large number of incoming impulses and to establish averages of the high and low levels and also a narrow range of tolerances. If fraud of the type anticipated has occurred there will be a very large percentage of the samples outside the tolerance range and the meter is automatically disconnected.

Abstract (fr)

Procédé et dispositif pour éviter les fraudes, sur un taximètre ou sur un chronotachygraphe, par branchement d'un générateur auxiliaire entre le capteur (1) et le taximètre (2) ou chronotachygraphe. On analyse, par échantillonnage, le signal (C) qui est appliqué au taximètre (2) ou chronotachygraphe, et l'on déclenche une action anti-fraude si cette analyse montre que ce signal (C) a subi une modulation d'amplitude régulière.  
<IMAGE>

IPC 1-7

**G07B 13/02**; **G07C 7/00**

IPC 8 full level

**G07B 13/02** (2006.01); **G07C 7/00** (2006.01)

CPC (source: EP US)

**G07B 13/02** (2013.01 - EP US); **G07C 7/00** (2013.01 - EP US)

Citation (search report)

- [A] US 5155747 A 19921013 - HUANG CHUNG-HWA [TW]
- [A] FR 2703493 A1 19941007 - RICARD CLAUDE [FR]
- [A] EP 0664528 A1 19950726 - RICARD CLAUDE [FR]
- [A] EP 0750178 A2 19961227 - VDO SCHINDLING [DE]

Cited by

DE102008061924A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0892366 A1 19990120**; **EP 0892366 B1 20010829**; AT E205000 T1 20010915; CA 2242163 A1 19990116; DE 69801469 D1 20011004; DE 69801469 T2 20020418; ES 2161029 T3 20011116; FR 2766289 A1 19990122; FR 2766289 B1 19990903; US 6109520 A 20000829

DOCDB simple family (application)

**EP 98420117 A 19980709**; AT 98420117 T 19980709; CA 2242163 A 19980703; DE 69801469 T 19980709; ES 98420117 T 19980709; FR 9709237 A 19970716; US 11525498 A 19980713