Title (en)
    Tachograph

Title (de)
    Tachograph

Title (fr)
    Tachygraphe

Publication
    EP 1605410 A3 20060913 (DE)

Application
    EP 05104736 A 20050601

Priority
    DE 102004028338 A 20040611

Abstract (en)
    [origin: EP1605410A2] A tachograph for vehicles has a digital design with a primary microprocessor (4) and a secondary microprocessor, or sub-controller. The primary processor includes a memory, a cipher unit, a processing module and a security system and is linked to the secondary processor, or sub-controller (5) by two connections. The sub-controller is linked to a control panel (22) and to a display panel (25). The security system uses operating parameters such as temperature, supply voltage, as well as user entered codes.

IPC 8 full level
    G07C 5/08 (2006.01)

CPC (source: EP)
    G07C 5/08 (2013.01)

Citation (search report)
    • [XY] ES 2072189 A2 19950701 - INTERFACOM S A [ES]
    • [YA] EP 0965902 A2 19991222 - NAT SEMICONDUCTOR CORP [US]
    • [A] DE 19512266 A1 19960328 - JACOB RAINER [DE]
    • [A] DE 10203433 A1 20030807 - KOSTAL LEOPOLD GMBH & CO KG [DE]
    • [A] EP 0724343 A2 19960731 - VDO SCHINDLING [DE]

Cited by
    DE102008061710A1; DE102015214791A1; DE102018209163A1; US8601281B2; WO2008040686A1; WO2008090027A1

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)
    EP 1605410 A2 20051214; **EP 1605410 A3 20060913**; **EP 1605410 B1 20080820**; AT E405900 T1 20080915; DE 102004028338 A1 20060112; DE 502005005075 D1 20081002; DK 1605410 T3 20090105; ES 2313217 T3 20090301; PL 1605410 T3 20090130

DOCDB simple family (application)
    EP 05104736 A 20050601; AT 05104736 T 20050601; DE 102004028338 A 20040611; DE 502005005075 T 20050601; DK 05104736 T 20050601; ES 05104736 T 20050601; PL 05104736 T 20050601