

Title (en)
EVENT DATA RECORDER WITH INTELLIGENT SWITCHING FUNCTION

Title (de)
EREIGNISDATENSPEICHER MIT INTELLIGENTER SCHALTFUNKTION

Title (fr)
ENREGISTREUR DE DONNÉES D'ÉVÉNEMENT AVEC FONCTION DE COMMUTATION INTELLIGENTE

Publication
EP 3166087 A1 20170510 (EN)

Application
EP 16186361 A 20160830

Priority
TW 104217687 U 20151104

Abstract (en)
An event data recorder with intelligent switching function includes a central control device, a GPS unit used for generating a locating signal, a gyroscope used for generating a direction signal, an acceleration sensing unit used for generating an acceleration signal, and a recording device. The central control device has at least one processing chip and a plurality of circuit units. The GPS unit, the gyroscope, the acceleration sensing unit, and the recording device are respectively electrically connected to the processing chip via the circuit units. The locating, the direction, and the acceleration signals are sent to the central control device to instantly determine whether or not to activate the recording device when they are detected not in a predetermined range.

IPC 8 full level
G07C 5/08 (2006.01)

CPC (source: EP)
G07C 5/0866 (2013.01)

Citation (search report)
• [X] US 2014375807 A1 20141225 - MUETZEL RONALD [US], et al
• [XI] US 2010049438 A1 20100225 - HU HSIN-NAN [TW], et al
• [XI] WO 0123214 A1 20010405 - WITNESS INC I [US]
• [XI] US 2007088488 A1 20070419 - REEVES MICHAEL J [US], et al
• [I] US 2012268601 A1 20121025 - YEH KUAN-HUNG [TW], et al

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

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DOCDB simple family (application)
EP 16186361 A 20160830; CN 201620990152 U 20160830; JP 2016207370 A 20161021; TW 104217687 U 20151104