

Title (en)  
Vehicle information registrator

Title (de)  
Fahrzeugsinformationaufnahmegerät

Title (fr)  
Enregistreur d'information pour véhicule

Publication  
**EP 1467321 A2 20041013 (EN)**

Application  
**EP 04425255 A 20040406**

Priority  
IT RM20030160 A 20030408

Abstract (en)  
The present invention belongs to the class of electronic devices for registration of vehicle information, by closed circuit, in a memory unit protected from destructive factors such as mechanical and thermo impacts, in the case of accident or catastrophe of the vehicle. The device is aimed to be a technical mean of reconstruction of the crash dynamics, in the case of accidents or catastrophes, similar to the "black box" used in aviation, and provides the following functions: capturing, processing and registration, in internal memory, of the information coming from sensors and from equipment of the vehicle; registration, in internal memory, of information coming from incorporated accelerometer (overcharges and impacts on three spatial axes); protection of the internal memory from mechanical and thermo impacts and conservation of the deposited information, in the case of accident or catastrophe of the vehicle; reading of the information using a notebook and unequivocal reconstruction with graphic representation by mean of a PC simulator which permits the visualization of all the movements of the vehicle before and during the accident; technical state diagnostics of the vehicle at the moment of the accident or catastrophe; registration of geographic position of the vehicle and of astronomic time of the accident. <IMAGE>

IPC 1-7  
**G07C 5/08**; G08G 1/16

IPC 8 full level  
**G07C 5/08** (2006.01)

CPC (source: EP)  
**G07C 5/085** (2013.01)

Cited by  
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DOCDB simple family (publication)  
**EP 1467321 A2 20041013**; **EP 1467321 A3 20050406**; IT RM20030160 A0 20030408; IT RM20030160 A1 20041009

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