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(54) **Vehicle information registrator**

(57) 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.

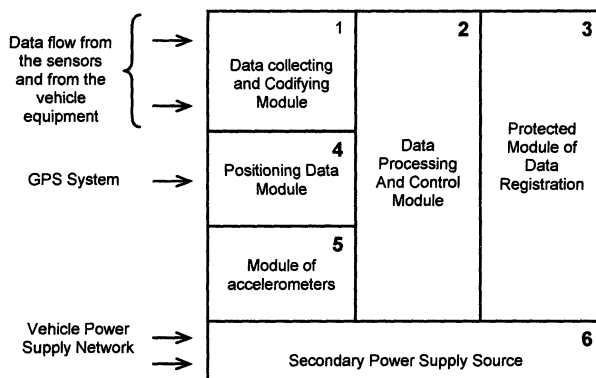


Fig. 1 Principal Structure of the Device in subject



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Place of search The Hague		Date of completion of the search 27 January 2005	Examiner Créchet, P
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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