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WO 2003/104024 A3

(54) Title: NAVDURGA VEHICLE SAFETY SYSTEMS

(57) Abstract: Various methods which will substantially reduce the impact of collisions and other mishaps on the vehicle itself, living Objects, including human beings while in motion or otherwise, in any type of vehicle, either singly or in combination with each other. Among other things there is provision for sliding of the passenger seats, installation of additional involuntary brakes at different places, provision for providing involuntary acceleration in cases of a push from the rear, provision for shifting and rearrangement of the various parts of a vehicle with a view to reduce the momentum, reduce the thrust of the impacts and also to protect the costlier parts of the vehicle from damage as far as possible. There is also provision for all such defensive apparatuses to draw power from the power systems of the vehicle. The amount of damage caused to vehicles and other materials, objects will be substantially minimized. The amount of mortality and injuries caused to living objects, using these modified vehicle(s) will also be substantially reduced.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB02/02118

A. CLASSIFICATION OF SUBJECT MATTER
 IPC(7) : G08G 1/16; G06F 7/70, 19/00; B60R 21/32
 US CL : 342/29, 104, 109; 701/301, 96; 340/902, 903, 435, 436, 444, 441, 467, 465; 180/170, 282
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
 Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 342/29, 104, 109; 701/301, 96; 340/902, 903, 435, 436, 444, 441, 467, 465; 180/170, 282

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,959,552 A (CHO) 28 September 1999 (28.09.1999), abstract, column 3, lines 1-67, column 4, lines 1-27.	1-7
A	US 6,227,564 B1 (IKEGAMI) 08 May 2001 (08.05.2001), abstract	
A	US 6,134,497 A (HAYASHI et al.) 17 Oct 2000 (17.10.2000), abstract	

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer <i>for</i> William Cuchlinski <i>SPURIN</i> Telephone No. none