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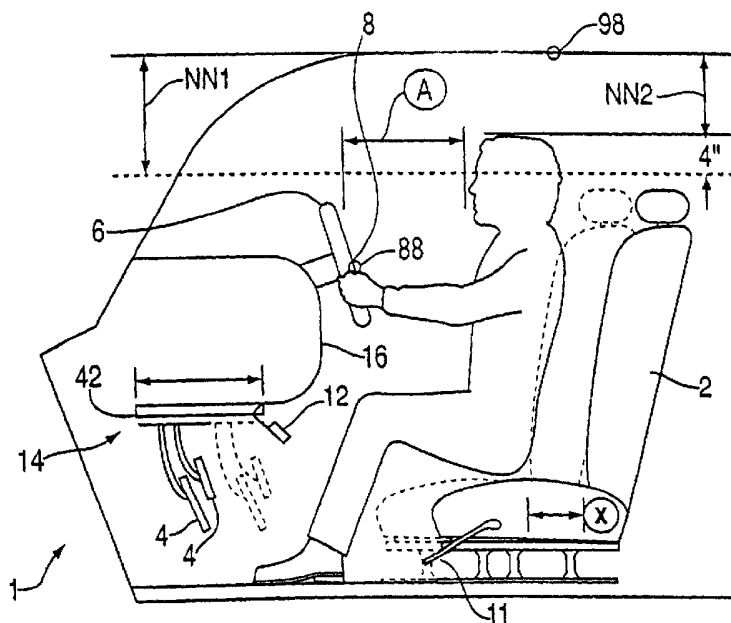
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(54) Title: VEHICLE AIR-BAG MINIMUM DISTANCE ENFORCEMENT APPARATUS, METHOD AND SYSTEM



(57) Abstract: A vehicle air-bag apparatus includes an air-bag (8) and a seat (2) mounted within a passenger compartment of a vehicle (1). The seat (2) is adjustable relative to the air-bag (8) along a first axis between a forward-most position and a rearward-most position. The forward-most position is a position of the seat (2) in which a distance (A) between the air-bag (8) and a passenger seated in the seat (2) is equal to a minimum safe clearance. The air-bag (8) is fixedly positioned with respect to either a steering wheel (6) or a dashboard. Vehicle control pedals (4) are adjustable relative to the seat (2) by a position adjusting mechanism (14).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/07575

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B60N 2/06; B60R 21/00; G05G 1/14

US CL : 280/735; 296/68.1; 701/49; 74/512

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. : 280/735; 296/68.1; 701/49; 74/512, 513, 514

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 --- A	US 5,413,378 A (STEFFENS, JR. et al.) 09 MAY 1995 (09.05.1995), entire document.	40-49 ----- 1-39
X --- A	US 5,330,226 A (GENTRY et al.) 19 JULY 1994 (19.07.1994), entire document.	40-43, 45-48 ----- 1-39
A	US 5,074,583 A (FUJITA et al.) 24 DECEMBER 1991 (24.12.1991).	1-49
A	US 5,466,001 A (GOTOMYO et al.) 14 NOVEMBER 1995 (14.11.1995).	1-49
A	US 5,822,707 A (BREED et al.) 13 OCTOBER 1998 (13.10.1998).	1-49
A	US 5,722,302 A (RIXON et al.) 03 MARCH 1998 (03.03.1998).	1-49
A	JP 07096784 A (YOKOUCHI et al.) 11 APRIL 1995 (11.04.1995).	1-49



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