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Nakamura

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- (54) **CONTROL DEVICE FOR OCCUPANT PROTECTION DEVICE**
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(57) **ABSTRACT**

The occurrence of a vehicle collision is determined using an output signal of one satellite sensor disposed offset from a vehicle center line. A control device for an occupant protection device includes: an acceleration sensor disposed at a front position of a vehicle; and a control unit that determines the occurrence of a collision based on an output signal of the acceleration sensor and operates an occupant protection device. The acceleration sensor is one satellite sensor disposed so as to be offset in a vehicle width direction from a vehicle front center position. The control unit includes: a first threshold setting unit that sets a first threshold so as to correspond to a traveling speed of the vehicle; and a determining unit that compares a level of the output signal of the acceleration sensor with the first threshold to determine the occurrence of a collision.

7 Claims, 16 Drawing Sheets

