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(54) **Collision determining apparatus for a vehicle**

(57) A collision determining apparatus for a vehicle includes: a first acceleration measuring device (12); a second acceleration measuring device (21); a first change in movement speed calculating device (26) which calculates a first change in movement speed; an interval integral value calculating device (29); a second change in movement speed calculating device (23); a first collision determining device (28); a continuation determining

device (31); a second collision determining device (25); a collision determination continuing device (32) which sets a collision continuation determining value to an ON state or OFF state based on the first change in movement speed and the interval integral value; and a control signal generating device (34) which generates a control signal instructing that an occupant protection apparatus be operated based on the collision continuation determining value and the second change in movement speed.

