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(54) ACTUATOR

(71) Applicant: NIDEC SANKYO CORPORATION,

Nagano (JP)

Inventor: Shinji HATANO, Nagano (JP)

Assignee: NIDEC SANKYO CORPORATION,

Nagano (JP)

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(57)ABSTRACT

The actuator includes a movable body, a support body with a case that accommodates the movable body and a coil holder, connecting bodies connected to the movable body and the support body, a magnetic drive circuit including a coil and magnets opposed to the coil in a Z direction and causing the movable body to vibrate in an X direction with respect to the support body, and a buffer material fixed to the case and opposed to the movable body in the X direction. When the magnetic drive circuit is driven with a first voltage, the movable body vibrates without colliding with the buffer material. When the magnetic drive circuit is driven with a second voltage, which is larger than the first voltage, the movable body collides with the case through the buffer material, whereby an impulsive force is generated.

