Title (en)
ELECTRIC CAN-OPENER

Publication
EP 0305713 B1 19910508 (DE)

Application
EP 88111488 A 19880716

Priority
DE 3729259 A 19870902

Abstract (en)
[origin: JPS6470397A] PURPOSE: To provide a simple and economical mechanism for safety can-opening operation interruption by closing a power switch only when a cutter is attached to a can lid, and an elastic element is deformed. CONSTITUTION: Pushing a rim 41 of a can body 46 against a drive wheel 2 and turning a lever 22 rotate a shaft 7 with a coupling rod 19 to position a cutter 8 to the cutting position shown by the dotted line. A cutting blade 43 faces to rotation direction 42 at the front of the drive wheel 2. Because rod 19 is elastically deformable, the rod rotates the lever 22 to the position necessary for the actuation of a switch 38, as shown by the dotted line. As a result, the drive wheel 2 automatically runs over into a can lid 45 when it is driven, reaches the terminal cutting position, and the rod 19 is loosened. As long as the lever 22 is held at the position shown by the dotted line, the rim 41 of the can 46 is driven by the drive wheel 2, and a lid 45 is cut out by a cutter 8. With the lever 22 returned to the recovery position, the switch 38 is actuated to turn off the drive motor.

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B67B 7/74

IPC 8 full level
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