

Title (en)  
ROTARY MAINTENANCE TYPE LEAKAGE PROTECTOR

Title (de)  
DREHBARER LECKAGESCHUTZ FÜR WARTUNG SZWECKE

Title (fr)  
PROTECTEUR DE FUITE ROTATIF DE TYPE MAINTENANCE

Publication  
**EP 4075470 B1 20240228 (EN)**

Application  
**EP 21198969 A 20210924**

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Abstract (en)  
[origin: EP4075470A1] The present invention discloses a rotary maintenance type leakage protector, and relates to the technical field of leakage protectors. A base, a leakage protection device and an upper cover plate are included. The leakage protection device includes a return key, a return rotating stop block, an electromagnetic driving device and a dome. A power connection end which may be electrically connected with the dome is further arranged on the base. Extending ends which may abut on the dome are arranged on two sides of the return rotating stop block. The electromagnetic driving device is arranged on one side of an upper portion of the base. A driving iron core is arranged on the electromagnetic driving device. The electromagnetic driving device may drive the driving iron core to move, thereby driving the return rotating stop block to rotate about the extending ends. An inwards-protruding buckling clamping block is arranged on the return rotating stop block. The buckling clamping block causes the return key to drive the return rotating stop block to move synchronously. According to the present invention, active protection may be formed to completely eradicate potential safety hazards when the buckling clamping block is clamped with the return key. With the arrangement of the rotatable return rotating stop block, abrasions between parts are reduced, and the overall sensitivity of a mechanism is improved greatly.

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