

Title (en)

HINGEABLE DEVICE FOR A MOVABLE BLADE PIVOTING ON ITS BASE, AND SWITCH COMPRISING SUCH A DEVICE

Publication

EP 0036815 B1 19840919 (FR)

Application

EP 81400442 A 19810320

Priority

FR 8006688 A 19800326

Abstract (en)

[origin: US4375055A] The invention relates to a device for articulating a moving blade pivoting on its base. The mobile member is constituted by a blade fixed to a float, which floats on a liquid contained in a cavity made in a base, the liquid being kept in the cavity by capillarity. The nature and dimensions of the float are adapted to the liquid density. The cavity dimensions are large enough to permit the float to move, without mechanical jamming. The mobile assembly, blade and float is prevented from escaping from the cavity by at least one bridge welded to the base towards the ends of the float. Application to switches with blades wetted by an electricity-conducting liquid.

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