

Title (en)

ELECTROMAGNETIC SWITCH, IN PARTICULAR FOR CRANKING DEVICES OF INTERNAL COMBUSTION ENGINES

Publication

**EP 0316363 B1 19920729 (DE)**

Application

**EP 87905602 A 19870904**

Priority

DE 3632469 A 19860924

Abstract (en)

[origin: WO8802543A1] An electromagnetic switch, in particular for cranking devices of internal combustion engines, has main current contacts (13, 14) provided with rounded projections (17) on the contact surfaces facing towards the longitudinal axis (40) of the switch and a rotating round bridge contact (33) with a contact surface (39) that is part of a rounded cup, the radius of curvature of which is smaller than that of the rounded contact surfaces (17) of the main current contacts (13, 14). This design of the contact parts (13, 14; 33) reduces the tendency of the switch to bounce and to weld at high power values while improving its heat dissipation, since the essentially point-like contact always occurs in the desired position of the bridge contact (33) and main current contact (13, 14), thanks to the possibility of compensating dimensional deviations.

IPC 1-7

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