

Title (en)

CIRCUIT BREAKER FOR LOW VOLTAGE ALTERNATING ELECTRIC INSTALLATION

Title (de)

ELEKTRISCHER LEISTUNGSSCHALTER FÜR ELEKTRISCHE ANLAGEN MIT NIEDERWECHSELSPANNUNG

Title (fr)

APPAREIL DE COUPURE ELECTRIQUE POUR INSTALLATION ELECTRIQUE A BASSE TENSION ALTERNATIVE

Publication

**EP 0996959 B1 20040922 (FR)**

Application

**EP 99919323 A 19990512**

Priority

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- FR 9806272 A 19980514

Abstract (en)

[origin: FR2778789A1] The movement of the cam and contacts is such as to encourage contact self-cleaning. The switch or circuit breaker has two moving contacts (35,36) comprising two contact surfaces (38) arranged in perpendicular planes, corresponding with those of the fixed contacts (31,31' and 33,33'). Each moving contact (35,36) is arranged to move in a direction of radial translation relative to the control shaft (23) along a direction (F) which is perpendicular to a straight line passing through its two contact surfaces (38). The cam (50) comprises a flow track (56) and a return track (57) corresponding to the engaging and releasing of the contacts. These surfaces guide a driving pin (45) which is integral with a moving element (40) coupled to the moving contacts. The moving element is arranged to be translated radially w.r.t. the control shaft.

IPC 1-7

**H01H 21/84**; **H01H 1/18**

IPC 8 full level

**H01H 1/18** (2006.01); **H01H 19/635** (2006.01)

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