

Title (en)

CONTACTOR WITH SELF-PROTECTION MEANS AGAINST THE REPULSIVE FORCES BETWEEN THE CONTACTS AND HIS APPLICATION IN A CURRENT LIMITING CIRCUIT BREAKER

Publication

EP 0080939 B2 19900627 (FR)

Application

EP 82402146 A 19821125

Priority

FR 8122957 A 19811130

Abstract (en)

[origin: ES8308143A1] A contactor capable of having a very high breaking power comprises a movable contact carrier bridge (3) having a central part in the form of a blade (3c) and conducting J-shaped pieces (2a-2b) supporting fixed contacts. A non-magnetic blade bent in the form of a U is mounted slidable inside a hollow movable insulating contact holder (1) and guides and holds at its upper end a magnetic plate (8) cooperating with said blade (3c) and forming an air-gap with another U-shaped magnetic piece (6), disposed between the legs of the bent blade (5) and integral (at 7) with the contact holder (1). A contact pressure spring (4) bears on the basis of the U-shaped magnetic piece (6) and on the bottom of the bent blade (5).

IPC 1-7

H01H 1/54

IPC 8 full level

H01H 1/54 (2006.01); **H01H 77/10** (2006.01)

CPC (source: EP US)

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Cited by

EP2197009A1; US9059523B2; US4634819A; EP2141714A3; FR2829869A1; FR2559308A1; FR2559307A1; CN112542331A; CN112563079A; EP2270829A1; FR2947667A1; CN101944442A; EP2372735A1; CN102208304A; EP2472538A1; EP2472539A1; WO2010066651A1; US9640355B2; EP3014645B1; US8946580B2

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