

Title (en)

LOAD ISOLATION CIRCUIT FOR THE DEENERGIZED CONNECTION AND ISOLATION OF ELECTRICAL CONTACTS

Title (de)

LASTTRENNSCHALTUNG ZUM STROMLOSEN VERBINDEN UND TRENNEN VON ELEKTRISCHEN KONTAKTEN

Title (fr)

CIRCUIT SECTIONNEUR DE CHARGE POUR LA CONNEXION ET LA DÉCONNEXION HORS COURANT DE CONTACTS ÉLECTRIQUES

Publication

**EP 1964140 A1 20080903 (DE)**

Application

**EP 06793300 A 20060907**

Priority

- EP 2006066102 W 20060907
- DE 102005061532 A 20051222

Abstract (en)

[origin: DE102005061532A1] The circuit has a switch (3), which comprises a main contact (4) and an auxiliary contact (5), arranged in parallel with the semiconductor switching element (2). The main contact and the auxiliary contact are coupled in such a way that the switching state of the auxiliary contact changes before closing and after opening of the main contact. A controller (6) is provided, which switches the semiconductor switching element on as a function of the switching state of the auxiliary contact before the main contact closes and switches it off after the main contact opens.

IPC 8 full level

**H01H 9/30** (2006.01); **H01H 9/54** (2006.01)

CPC (source: EP)

**H01H 9/542** (2013.01)

Citation (search report)

See references of WO 2007073951A1

Cited by

CN104025406A; WO2020007572A1

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