

Title (en)

PROCEDURE FOR MANUFACTURING AN ELECTRIC CONTACT AND ACCORDING CONTACT FOR LOW-, MEDIUM-, HIGH- AND GENERATOR-SWITCHES

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KONTAKTSTÜCKES, SOWIE KONTAKTSTÜCK FÜR NIEDER-, MITTEL-, HOCHSPANNUNGS- UND GENERATORSCHALTGERÄTE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT DE CONTACT ÉLECTRIQUE ET ÉLÉMENT DE CONTACT CORRESPONDANT POUR INTERRUPTEUR À BASSE, MOYENNE OU HAUTE TENSION OU POUR UN DISJONCTEUR DE GÉNÉRATEUR

Publication

**EP 20111135 A1 20090107 (DE)**

Application

**EP 07724414 A 20070420**

Priority

- EP 2007003477 W 20070420
- EP 06008165 A 20060420
- EP 07724414 A 20070420

Abstract (en)

[origin: EP1848019A1] The method involves sealing a vacuum switching chamber close to a contact piece according to a chill casting manufacturing process, while a substance is melted in a crucible and is cast into a die (1). Bars (4) are attached in the die, where the die lies horizontally during casting under a vacuum atmosphere in a kiln and resulting composite material includes a material combination of copper and chromium. The die is separated and is opened for disconnecting the contact piece. An independent claim is also included for a contact piece for a vacuum switching chamber.

IPC 8 full level

**H01H 33/664** (2006.01); **H01H 1/02** (2006.01); **H01H 33/66** (2006.01)

CPC (source: EP)

**H01H 33/6643** (2013.01); **H01H 1/0206** (2013.01)

Citation (search report)

See references of WO 2007121938A1

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1848019 A1 20071024**; **EP 1848019 B1 20110420**; AT E506683 T1 20110515; CN 101427334 A 20090506; CN 101427334 B 20120530; DE 502006009348 D1 20110601; EP 20111135 A1 20090107; WO 2007121938 A1 20071101

DOCDB simple family (application)

**EP 06008165 A 20060420**; AT 06008165 T 20060420; CN 200780014140 A 20070420; DE 502006009348 T 20060420; EP 07724414 A 20070420; EP 2007003477 W 20070420