

Title (en)  
GENERATOR CIRCUIT BREAKER, GCB

Title (de)  
GENERATORSCHUTZSCHALTER (GCB)

Title (fr)  
DISJONCTEUR DE GÉNÉRATEUR

Publication  
**EP 4075466 A1 20221019 (EN)**

Application  
**EP 21168247 A 20210414**

Priority  
EP 21168247 A 20210414

Abstract (en)  
The invention relates to a generator circuit breaker, GCB, , comprising an interrupting chamber (1) and an infrared heater (2) configured for emitting infrared radiation, whereby the interrupting chamber (1) comprises a base (3) for mounting the interrupting chamber (1) on a support structure (4), a fixed contact housing (8) comprising arranged therein a fixed contact, a moving contact housing (6) comprising arranged therein a moving contact for contacting the fixed contact, a chamber insulator (7) arranged between the fixed contact housing (8) and the moving contact housing (6), and a ground insulator (5) arranged between the base (3) and the moving contact housing (6), and the infrared heater (2) is configured for emitting the infrared radiation onto the fixed contact housing (8), onto the moving contact housing (6), and/or onto the base (3).

IPC 8 full level  
**H01H 33/56** (2006.01); **H01H 9/52** (2006.01); **H01H 33/64** (2006.01); **H01H 33/74** (2006.01)

CPC (source: EP)  
**H01H 33/562** (2013.01); **H01H 33/64** (2013.01); **H01H 33/74** (2013.01); **H01H 2009/526** (2013.01)

Citation (search report)

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- [A] JP H08321231 A 19961203 - TOSHIBA CORP
- [A] US 2017372857 A1 20171228 - VLADUCHICK PAUL [US], et al
- [A] CN 201242969 Y 20090520 - SHANGHAI ZONFAEP SUPER PRESSUR [CN]

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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BA ME

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