

Title (en)
Circuit breaker with a magnet fixing means

Title (de)
Leistungsschalter mit Magnetbefestigungsmittel

Title (fr)
Disjoncteur avec supports de fixation d'aimant

Publication
EP 2849198 B1 20161221 (EN)

Application
EP 13184775 A 20130917

Priority
EP 13184775 A 20130917

Abstract (en)
[origin: EP2849198A1] The present disclosure relates to a circuit breaker having a magnet fixing means, and according to an aspect of the present disclosure, as a circuit breaker including a heater configured to generate heat due to a conduction current induced to a moving contact of the circuit breaker; a bimetal configured to be deformed due to heat generated by the heater to separate a contact point of the moving contact; a magnet configured to generate a magnetic force to move an amateur bar when a current above a previously set reference current is induced; and a trip case configured to accommodate the bimetal and magnet, at least part of which is made of a synthetic resin material, there is provided the circuit breaker including a magnetic fixing portion integrally formed in the trip case, and made of a synthetic resin material; a magnet fixing means configured to fasten the magnet to the magnet fixing portion; and a bimetal fixing means configured to fix the bimetal to the heater, wherein a magnet-side separating portion exists between the magnet and the heater to be disposed such that the heater is not brought into contact with the magnet.

IPC 8 full level
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CPC (source: EP)
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