

Title (en)
ELECTRIC CIRCUIT BREAKER WITH A REMOTELY CONTROLLED STATIC SWITCHING DEVICE

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EP 0104981 B1 19870128 (FR)

Application
EP 83401751 A 19830906

Priority
FR 8215841 A 19820917

Abstract (en)
[origin: ES8404757A1] The invention relates to a miniature circuit breaker having remote control capabilities. The protection function of the circuit breaker is ensured by a magnetothermal release cooperating with an operating mechanism to induce the opening of contacts. The remote control function of the circuit breaker results from the presence of a triac connected in series with the contacts and the release. The creation or breaking of the rated current occurs by conducting or locking the triac without activating the mechanism. The triac is automatically short-circuited when the arc is switched on a lower horn during the cut-off phase following the appearance of a fault current detected by the release.

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H01H 83/20

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP0780861A1; EP0236202A1; FR2595163A1; FR2595164A1; FR2618270A1; EP0633584A1; FR2707437A1; GB2384625A; AU2002212566B2; FR2742916A1; US5777286A; FR2584529A1; EP0211707A1; US4725911A; EP0421891A1; FR2651915A1; US5132865A; EP0649156A1; FR2711271A1; US5493264A; EP0649157A1; FR2711270A1; US5539365A; US9998117B2; EP0589779A1; FR2696273A1; US5373273A; DE3615340A1; EP0204594A1; FR2581477A1; WO0231849A1

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