

Title (en)
AUTOMATIC CURRENT LIMITING CIRCUIT BREAKER

Title (de)
AUTOMATISCHER STROMBEGRENZENDER SCHUTZSCHALTER

Title (fr)
DISJONCTEUR DE LIMITATION DE COURANT AUTOMATIQUE

Publication
EP 1346385 A1 20030924 (EN)

Application
EP 01272646 A 20011212

Priority
• EP 0114850 W 20011212
• IT MI20002875 A 20001229

Abstract (en)
[origin: WO02054431A1] An automatic current limiting circuit breaker, which comprises an insulating enclosure that accommodates fixed contact means and movable contact means, actuation means for actuating the movable contact means between open-circuit conditions and closed-circuit conditions, and arc quenching means that comprise at least one first and one second arc quenching chamber, which are mutually separate, the fixed contact means comprising at least one first and one second fixed contact which are mutually spaced and positioned respectively adjacent to the first and second arc quenching chambers, the movable contact means comprising at least one first movable contact and one second movable contact, which are electrically series-connected and can move simultaneously between open-circuit and closed-circuit positions; its particularity consists of the fact that the movable contact means comprise a first contact arm and a second contact arm that have a first end at which the first movable contact and the second movable contact are respectively fixed and a second end that is fixed on, and free to rotate about, a common pivot that is operatively connected to the actuation means.

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IPC 8 full level
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CPC (source: EP)
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