

Title (en)
Interlocking device for interlocking at least a first and a second electrical circuit breaker

Title (de)
Verriegelungsvorrichtung von wenigstens zwei Schaltern

Title (fr)
Dispositif d'interverrouillage pour au moins deux disjoncteurs

Publication
EP 2360706 A1 20110824 (EN)

Application
EP 10192734 A 20101126

Priority
IT RM20100072 A 20100223

Abstract (en)
An interlocking device (2) is described for interlocking at least a first and a second electrical circuit breaker (3R, 3L), that is, for preventing such circuit breakers (3R, 3L) from simultaneously assuming a closed state, comprising: a first and a second actuating lever (10R, 10L) independently movable between a first and a second actuating lever operating position (A_DOWN, A_UP), the first and the second actuating lever (10R, 10L) being operatively connectable respectively to the first and to the second electrical circuit breaker (3R, 3L), characterised in that said device comprises a first and a second kinematic mechanism(22R, 24R, 26R, 28R, 30R, 32R; 22L, 24L, 26L, 28L, 30L, 32L) respectively actuatable through the first and the second actuating lever (10R, 10L) and each suitable for assuming a first and a second operating configuration; each actuating lever (10R, 10L) being suitable for assuming: - a first operating state, wherein the actuating lever (10R) allows actuating the respective kinematic mechanism(22R, 24R, 26R, 28R, 30R, 32R) so that when such lever assumes the first or the second actuating lever operating position (A_DOWN, A_UP) the respective kinematic mechanism respectively assumes the first or the second operating configuration; and - a second operating state, in which the actuating lever (10R) is a substantially idle lever movable between the first and the second actuating lever operating position (A_DOWN, A_UP).

IPC 8 full level
H01H 9/26 (2006.01); **H01H 71/10** (2006.01)

CPC (source: EP)
H01H 9/26 (2013.01); **H01H 71/1018** (2013.01)

Citation (applicant)
EP 1916682 A1 20080430 - BTICINO SPA [IT]

Citation (search report)
• [A] EP 2073231 A1 20090624 - BTICINO SPA [IT]
• [A] EP 0383700 A1 19900822 - MERLIN GERIN [FR]

Cited by
EP2669923A1; WO2014029560A1

Designated contracting state (EPC)
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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2360706 A1 20110824; EP 2360706 B1 20120620; CN 102163509 A 20110824; CN 102163509 B 20150114; IT 1398379 B1 20130222; IT RM20100072 A1 20110824; PL 2360706 T3 20121130; RU 2011106782 A 20120827; RU 2558397 C2 20150810

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