

Title (en)
Safety double-break switch

Title (de)
Sicherheitsschalter mit Doppelunterbrechung

Title (fr)
Interrupteur de sécurité à double rupture

Publication
EP 1906429 A2 20080402 (EN)

Application
EP 07005284 A 20070314

Priority
CN 200620137231 U 20060926

Abstract (en)
A safety double-break switch (100) is disclosed to include a housing (10), which has a button (14) pivoted to the main body (11) thereof, and a first circuit breaking mechanism (20) and a second circuit breaking mechanism (30) respectively mounted in first and second accommodation chambers (112, 113) in the housing (10) and respectively connected to external power source. When biasing the button (14) to ON position, the first circuit breaking mechanism (20) and the second circuit breaking mechanism (30) are electrically connected with the power source, thereby resulting in the current flow. When biasing the button (14) to OFF position, the first circuit breaking mechanism (20) interrupts the power source to form a first broken circuit, and the second circuit breaking mechanism (30) interrupts the power source to form a second broken circuit.

IPC 8 full level
H01H 73/26 (2006.01)

CPC (source: EP)
H01H 73/26 (2013.01)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1906429 A2 20080402; EP 1906429 A3 20090325; CN 200953333 Y 20070926

DOCDB simple family (application)
EP 07005284 A 20070314; CN 200620137231 U 20060926