

Title (en)

Device for interrupting electric current with simplified structure

Title (de)

Unterbrechungsvorrichtung für elektrischen Strom mit vereinfachter Struktur

Title (fr)

Dispositif de coupure de courant électrique à structure simplifiée

Publication

EP 2518753 B1 20130417 (FR)

Application

EP 12157334 A 20120228

Priority

FR 1153599 A 20110427

Abstract (en)

[origin: EP2518753A1] The device has a shoulder (61) connected to a housing, and a retaining unit (6) including a pawl (62) pivotally mounted on a carriage (3) around a pivoting axle (X). The pawl has a support surface (623) engaged with the shoulder for maintaining the carriage in a retaining position. A connecting rod has an end (522) engaged with a cam to pivot the pawl in a disengagement direction (D) around the axis when an actuating unit (5) passes from an engagement position to an escape position. The surface escapes the shoulder from the housing when the actuating unit crosses the escape position.

IPC 8 full level

H01H 71/52 (2006.01)

CPC (source: EP)

H01H 71/528 (2013.01); **H01H 21/42** (2013.01); **H01H 73/045** (2013.01); **H01H 2300/048** (2013.01)

Cited by

EP2854152A1; CN104319202A

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

DOCDB simple family (publication)

EP 2518753 A1 20121031; EP 2518753 B1 20130417; CN 102760606 A 20121031; CN 102760606 B 20151125; FR 2974663 A1 20121102; FR 2974663 B1 20130524; IN 677DE2012 A 20150821; PL 2518753 T3 20130830; RU 2012117092 A 20131110; RU 2584877 C2 20160520

DOCDB simple family (application)

EP 12157334 A 20120228; CN 201210119064 A 20120420; FR 1153599 A 20110427; IN 677DE2012 A 20120309; PL 12157334 T 20120228; RU 2012117092 A 20120426