

Title (en)

Electric control switch with a pushbutton

Title (de)

Elektrisch steuerbarer Druckknopf-Trennschalter

Title (fr)

Interrupteur de commande électrique à bouton poussoir

Publication

EP 1884970 B1 20130220 (FR)

Application

EP 07354035 A 20070612

Priority

FR 0607036 A 20060801

Abstract (en)

[origin: EP1884970A2] The switch (1) has disconnection units constituted of an internal piston (6) and two elastic control units (8, 9) and provided with a displacement unit for displacing an electric contact (3) from a rest state to a detection state and vice-versa at a speed, whose maximum value is predetermined. The electric contact has a speed of movement respectively from the rest state to detection state and from the detection state to rest state independent of a speed of an external piston (5) of an operating push-button (4), when the speed of the external piston is greater than two preset maximum speeds.

IPC 8 full level

H01H 13/20 (2006.01); **H01H 13/14** (2006.01)

CPC (source: EP US)

H01H 13/20 (2013.01 - EP US); **H01H 2217/02** (2013.01 - EP US); **H01H 2221/064** (2013.01 - EP US)

Cited by

CN108807052A; FR2947646A1; US10290443B2; WO2022002739A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1884970 A2 20080206; **EP 1884970 A3 20090617**; **EP 1884970 B1 20130220**; ES 2421065 T3 20130828; FR 2904725 A1 20080208; FR 2904725 B1 20150522; US 2008029376 A1 20080207

DOCDB simple family (application)

EP 07354035 A 20070612; ES 07354035 T 20070612; FR 0607036 A 20060801; US 81989607 A 20070629