

Title (en)  
ELECTRICAL SWITCHING DEVICE

Publication  
**EP 0468272 A3 19921230 (DE)**

Application  
**EP 91111390 A 19910709**

Priority  
DE 4023740 A 19900726

Abstract (en)  
[origin: EP0468272A2] An electrical switching device has a detachable latching device, comprising a plurality of elements, for opening or closing the electrical contact system. According to the invention, at least one element (1) of the latching device extends directly or by means of a hinged additional element into a closed container (2). The latter is filled with an electroviscous fluid (3), whose viscosity is influenced by electrodes (4a, 4b) generating an electric field. The two examples show a switching mechanism, having electronic latching, and a bounce suppressor. <IMAGE>

IPC 1-7  
**H01H 71/50**; **H01H 1/50**

IPC 8 full level  
**H01H 1/50** (2006.01); **H01H 71/50** (2006.01); **H01H 3/60** (2006.01); **H01H 71/44** (2006.01)

CPC (source: EP)  
**H01H 71/504** (2013.01); **H01H 3/605** (2013.01); **H01H 71/443** (2013.01)

Citation (search report)

- [A] GB 846462 A 19600831 - ENGLISH ELECTRIC CO LTD
- [A] DE 334793 C 19210319 - WILHELM SCHRADER DIPL ING
- [A] GB 696221 A 19530826 - DORMAN & SMITH LTD
- [A] US 4790522 A 19881213 - DRUTCHAS GILBERT H [US]

Cited by  
CN109643618A; US2019189367A1; US10886076B2; WO2018036737A1

Designated contracting state (EPC)  
DE FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0468272 A2 19920129**; **EP 0468272 A3 19921230**; **EP 0468272 B1 19960110**; DE 4023740 A1 19920206; DE 4023740 C2 19940609; DE 59107235 D1 19960222

DOCDB simple family (application)  
**EP 91111390 A 19910709**; DE 4023740 A 19900726; DE 59107235 T 19910709