

Title (en)
DISCONNECT SWITCH

Title (de)
TRENNSCHALTER

Title (fr)
SECTIONNEUR

Publication
EP 1141986 A1 20011010 (DE)

Application
EP 99963274 A 19991201

Priority
• DE 9903850 W 19991201
• DE 19857324 A 19981211

Abstract (en)
[origin: WO0036622A1] The invention relates to a disconnect switch for the load circuit of a battery of a motor vehicle. Said disconnect switch has a movable contact element (81, 126, 205) and a stationary contact element (64, 121, 204). The movable contact element is fixed in a locked position by a locking mechanism. A shape-memory alloy thermoelement (4, 104, 215) is used as a means for opening the locking mechanism, said element contracting itself upon being heated.

IPC 1-7
H01H 71/08

IPC 8 full level
H01H 37/32 (2006.01); **H01H 71/08** (2006.01)

CPC (source: EP)
H01H 37/323 (2013.01); **H01H 71/08** (2013.01); **H01H 2001/5877** (2013.01)

Citation (search report)
See references of WO 0036622A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0036622 A1 20000622; DE 59902702 D1 20021017; EP 1141986 A1 20011010; EP 1141986 B1 20020911

DOCDB simple family (application)
DE 9903850 W 19991201; DE 59902702 T 19991201; EP 99963274 A 19991201