

Title (en)
Key operated switch

Title (de)
Schlüsselschalter

Title (fr)
Interrupteur à clef

Publication
EP 1786009 A1 20070516 (DE)

Application
EP 05024901 A 20051115

Priority
EP 05024901 A 20051115

Abstract (en)
The switch has a housing with a detachable cover (22), which is formed so as to fasten a cylinder lock (14) at the cover. An electrical switching unit (42) has an actuator that is operated by operating the lock. A hook (56) is torque-proof connected with the actuator, and a locking plate (58) is provided at the cover inner side. The plate has a projection (62) that extends parallel to the cover. The hook is engaged in locked position behind the projection and the hook is released from the projection, when the actuator is rotated together with the hook around a predetermined angle.

IPC 8 full level
H01H 27/06 (2006.01)

CPC (source: EP)
H01H 27/06 (2013.01); **H01H 2027/066** (2013.01)

Citation (applicant)
• DE 2208019 B2 19740221
• DE 4407678 C2 20030227 - BAUMGART IND CO SA [DE]

Citation (search report)
• [X] DE 1640578 A1 19701217 - INDUSTRIEBEDARF HANDELSGMBH
• [A] DE 19545632 A1 19970612 - ABB PATENT GMBH [DE]
• [A] DE 4240283 C1 19931125 - DAIMLER BENZ AG [DE]
• [A] DE 10231725 A1 20040122 - ABB PATENT GMBH [DE]

Cited by
CN109817859A

Designated contracting state (EPC)
DK FI SE

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1786009 A1 20070516; EP 1786009 B1 20100127; DK 1786009 T3 20100406

DOCDB simple family (application)
EP 05024901 A 20051115; DK 05024901 T 20051115