

Title (en)  
Electric switch

Title (de)  
Elektrischer Schalter

Title (fr)  
Commutateur électrique

Publication  
**EP 2278600 A1 20110126 (DE)**

Application  
**EP 09009545 A 20090723**

Priority  
EP 09009545 A 20090723

Abstract (en)  
The switch has an actuating element (4) i.e. scroll wheel, supported in a housing and subjected with pressure and subjected to rotation. The actuating element is connected with a detecting device (14) i.e. coding device, by a rotation axle (17) for rotational movement. The detecting device is arranged at a front side of the actuating element. The axle is rotatably and pivotably assigned to the front side of the actuating element and the detecting device and is provided with a polygonal rod end (20) i.e. hexagonal rod end. The actuating element is rotatably supported in a storage housing (9).

Abstract (de)  
Ein elektrischer Schalter umfasst ein in einem Gehäuse gelagertes, durch Druck und Drehung beaufschlagbares Betätigungselement (4), das über eine Drehachse (17) mit einer stirnseitig angeordneten Erfassungseinrichtung (14) für die Drehbewegung in Verbindung steht. Die Drehachse (17) ist drehfest und schwenkbar jeweils einer Stirnseite (7) des Betätigungselementes (4) und der Erfassungseinrichtung (14) zugeordnet.

IPC 8 full level  
**H01H 25/00** (2006.01); **H01H 19/14** (2006.01)

CPC (source: EP)  
**H01H 25/008** (2013.01); **H01H 2019/146** (2013.01)

Citation (applicant)  
• EP 0901262 A2 19990310 - NOKIA MOBILE PHONES LTD [FI]  
• DE 60006426 T2 20041028 - SONION AS ROSKILDE [DK]

Citation (search report)  
• [XY] EP 1094483 A2 20010425 - ALPS ELECTRIC CO LTD [JP]  
• [Y] EP 1192629 A1 20020403 - TECHTRONIC AS [DK], et al  
• [Y] US 6809275 B1 20041026 - CHENG WENDY H W [US], et al  
• [Y] US 6211474 B1 20010403 - TAKAHASHI KISABURO [JP]  
• [A] US 6194673 B1 20010227 - SATO JUN [JP], et al  
• [AD] DE 60006426 T2 20041028 - SONION AS ROSKILDE [DK]

Designated contracting state (EPC)  
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 SE SI SK SM TR

Designated extension state (EPC)  
AL BA RS

DOCDB simple family (publication)  
**EP 2278600 A1 20110126**

DOCDB simple family (application)  
**EP 09009545 A 20090723**