

Title (en)  
SWITCH

Title (de)  
SCHALTER

Title (fr)  
COMMUTATEUR

Publication  
**EP 1083203 A1 20010314 (EN)**

Application  
**EP 99900330 A 19990118**

Priority  
JP 9900121 W 19990118

Abstract (en)  
A switch using, for a housing, an insulating structure of a molded product consisting of an organic and inorganic complex composition containing 35 to 50 % by weight of nylon 6 or nylon 6 based alloy, 15 to 25 % by weight of reinforcement and 30 to 40% by weight of magnesium hydroxide. Alternatively, it is also possible to use an organic and inorganic complex composition containing 35 to 45 % by weight of nylon 6 or nylon 6 based alloy, 15 to 25 % by weight of reinforcement, 30 to 40 % by weight of magnesium hydroxide and 5 to 15 % by weight of inorganic matter, and an inorganic matter may be burned clay or wallastnite. A coefficient of dimensional change of the molded product constituting the switch is reduced and the rigidity and creeping performance of the molded product are enhanced at the same time. Moreover, the strain of the molded product is reduced, a great surface gloss is obtained and the molded product is scratched with difficulty. <IMAGE>

IPC 1-7  
**C08L 77/02**; **C08K 3/22**; **H01B 3/30**; **H01H 33/53**

IPC 8 full level  
**H01H 71/02** (2006.01)

CPC (source: EP KR)  
**H01H 71/025** (2013.01 - EP); **H01H 73/18** (2013.01 - KR); **H01H 71/0257** (2013.01 - EP)

Citation (search report)  
See references of WO 0042107A1

Cited by  
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DE FR GB

DOCDB simple family (publication)  
**EP 1083203 A1 20010314**; CN 1158353 C 20040721; CN 1293699 A 20010502; KR 20010106098 A 20011129; WO 0042107 A1 20000720

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