

Title (en)  
Key assembly for a mobile device

Title (de)  
Tastenanordnung für eine mobile Einrichtung

Title (fr)  
Ensemble de touches pour dispositif mobile

Publication  
**EP 2405456 A1 20120111 (EN)**

Application  
**EP 10168743 A 20100707**

Priority  
EP 10168743 A 20100707

Abstract (en)  
A key assembly for an electronic device comprises at least one key including a body having a first external contact portion and a second external contact portion. The first external contact portion is movable to thereby actuate a first switch of a pair of switches. The second external contact portion is movable to thereby actuate a second switch of the pair of switches. The body of the at least one key pivots about the first external contact portion when the second external contact portion moves to thereby actuate the second switch. The body of the at least one key also pivots about the second external contact portion when the first external contact portion moves to thereby actuate the first switch.

IPC 8 full level  
**H01H 13/705** (2006.01)

CPC (source: EP)  
**H01H 13/705** (2013.01); **H01H 2215/004** (2013.01); **H01H 2217/024** (2013.01); **H01H 2221/016** (2013.01); **H01H 2221/018** (2013.01); **H01H 2225/01** (2013.01); **H01H 2233/052** (2013.01)

Citation (applicant)  
US 6219694 B1 20010417 - LAZARIDIS MIHAL [CA], et al

Citation (search report)

- [X] WO 2009146758 A1 20091210 - SONY ERICSSON MOBILE COMM AB [SE], et al
- [A] EP 1696448 A1 20060830 - RESEARCH IN MOTION LTD [CA]
- [A] US 2002109614 A1 20020815 - KIM SEUNG KIL [US]
- [A] US 2001003539 A1 20010614 - HAHM JIN HO [KR], et al

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Designated contracting state (EPC)  
AL 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)  
BA ME RS

DOCDB simple family (publication)  
**EP 2405456 A1 20120111**; **EP 2405456 B1 20161019**; CA 2745535 A1 20120107; CA 2745535 C 20160216

DOCDB simple family (application)  
**EP 10168743 A 20100707**; CA 2745535 A 20110706