

Title (en)

Electronic mobile device seamless key/display structure

Title (de)

Elektronische mobile Vorrichtung mit nahtloser Tasten-/Anzeigestruktur

Title (fr)

Structure d'affichage/clé sans interruption de dispositif mobile électronique

Publication

EP 2485233 B1 20160420 (EN)

Application

EP 11153449 A 20110204

Priority

EP 11153449 A 20110204

Abstract (en)

[origin: EP2485233A1] A key/display assembly (108) includes first and second switch (216B)es, a display module (212), and a lens (122) is disposed adjacent the display module (212). The lens (122) includes a first contact region (226A), a second contact region (226B), and an inner surface that supports a first foot (234A) between the first contact region (226A) and the second contact region (226B). A first key (120A) is defined by the first switch (216A) and the first contact region (226A) and is actuated by deflecting the first contact region (226A) to actuate the first switch (216A). A second key (120B) is defined by the second switch (216B) and the second contact region (226B) and is actuated by deflecting the second contact region (226B) to actuate the second switch (216B). When actuating the first key (120A), the first foot (234A) inhibits the second contact region (226B) from actuating the second switch (216B). When actuating the second key (120B), the first foot (234A) inhibits the first contact region (226A) from actuating the first switch (216A).

IPC 8 full level

H01H 13/84 (2006.01)

CPC (source: EP)

H01H 13/84 (2013.01); **H01H 2217/012** (2013.01); **H01H 2219/066** (2013.01); **H01H 2221/09** (2013.01); **H01H 2225/01** (2013.01); **H01H 2239/03** (2013.01)

Cited by

EP2535914A1; US8955995B2

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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2485233 A1 20120808; **EP 2485233 B1 20160420**; CA 2765689 A1 20120804; CA 2765689 C 20151020; CN 103095873 A 20130508; CN 103095873 B 20160224

DOCDB simple family (application)

EP 11153449 A 20110204; CA 2765689 A 20120127; CN 201210019582 A 20120121