

Title (en)
Keyboard switch

Title (de)
Tastaturschalter

Title (fr)
Interrupteur de clavier

Publication
EP 1926114 A1 20080528 (EN)

Application
EP 06124551 A 20061122

Priority
EP 06124551 A 20061122

Abstract (en)
A foil-type switching element with at least three switching states comprises an electrode arrangement comprising at least a first electrode pattern and a second electrode pattern, said first and second electrode patterns being arranged in said active area on first and second carrier foils such that an electrical contact is established between said first and second electrode pattern when said first and second carrier foils are brought together. The electrode arrangement is configured such that, within said active area, at least one primary contact zone and at least one secondary contact zone are formed in which an electrical contact can be established between said first and second electrode pattern, wherein said primary contact zone is centrally located within said active area and wherein said at least one secondary contact zone is located off-centre within said active zone. Moreover at least one first resistive element is associated to one of said first or second electrode pattern in such a way that said at least one first resistive element is connected between the first and second connection terminals if said an electrical contact between said first and second electrode pattern is established only in said primary contact zone and that said first electrical resistance is bypassed if an electrical contact between said first and second electrode pattern is also established in said secondary contact zone.

IPC 8 full level
H01H 13/803 (2006.01)

CPC (source: EP)
H01H 13/803 (2013.01); **H01H 2203/044** (2013.01); **H01H 2225/018** (2013.01); **H01H 2239/012** (2013.01); **H01H 2239/078** (2013.01)

Citation (search report)
• [A] EP 0235517 A2 19870909 - SCHOELLER & CO ELEKTROTECH [DE]
• [A] WO 9909572 A1 19990225 - HIGH END SYSTEMS INC [US]
• [A] US 5952629 A 19990914 - YOSHINAGA KENICHI [JP], et al
• [A] JP H0917277 A 19970117 - JAPAN AVIATION ELECTRON

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1926114 A1 20080528; WO 2008061907 A1 20080529

DOCDB simple family (application)
EP 06124551 A 20061122; EP 2007062220 W 20071112