

Title (en)
Electrical switch mat.

Title (de)
Elektrische Kontaktmatte.

Title (fr)
Paillason à contact électrique.

Publication
EP 0395784 B1 19950215 (DE)

Application
EP 89108088 A 19890505

Priority
EP 89108088 A 19890505

Abstract (en)
[origin: EP0395784A1] An electrical switch mat having at least two electrically conductive plates, which are arranged at a distance from one another in the quiescent state, the distance being produced by elastically compressible, non-conductive spacers. Between the plates there are provided contact makers which produce an electrical connection between the plates once the elastically compressible spacers have been pressed together by a predetermined value. An electrical evaluation unit is connected to the plates. The plates of the switch mat are produced from rubber, the electrical conductivity being produced by the addition of conductive materials such as soot, graphite, metal powder and the like. The contact makers and the spacers can be produced integrally with the plates, likewise from rubber. <IMAGE>

IPC 1-7
H01H 3/14

IPC 8 full level
H01H 3/14 (2006.01)

CPC (source: EP)
H01H 3/141 (2013.01)

Cited by
EP2602069A1; DE102017119152A1; GB2261115A; DE19510617A1; DE4323542A1; DE102012100404A1; DE102012100404B4; EP1699064A1; FR2882853A1; DE10018475A1; US6486424B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0395784 A1 19901107; EP 0395784 B1 19950215; AT E118641 T1 19950315; DE 58909011 D1 19950323

DOCDB simple family (application)
EP 89108088 A 19890505; AT 89108088 T 19890505; DE 58909011 T 19890505