

Title (en)

DEPRESSIBLE CONTACTLESS KEY FOR GENERATING ELECTRIC SIGNALS IN AN ELECTRONIC KEYBOARD

Publication

EP 0001882 B1 19811209 (EN)

Application

EP 78300393 A 19780918

Priority

IT 6948677 A 19771107

Abstract (en)

[origin: EP0001882A1] An elastomeric material conductive under pressure is suitable for use in a keyboard. When not compressed the material is insulating. When a key (21) is depressed, the pressure renders the material (11) conductive and completes a circuit (14, 11, 16, 17, 15). In order to prolong the life of the material when it is repeatedly compressed, a magnetic field is used during polymerization of an elastomer in which magnetic powder is dispersed. The material becomes piezoconductive in a preferred direction parallel to the applied field.

IPC 1-7

H01H 1/02; **H01B 1/22**; **H01H 13/10**; **H01H 13/70**; **H01H 35/00**

IPC 8 full level

H01C 10/10 (2006.01); **H01H 13/702** (2006.01); **H01H 13/785** (2006.01)

CPC (source: EP)

H01C 10/106 (2013.01); **H01H 13/702** (2013.01); **H01H 13/785** (2013.01); **H01H 2201/036** (2013.01); **H01H 2207/008** (2013.01); **H01H 2227/012** (2013.01); **H01H 2227/014** (2013.01)

Cited by

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EP 0001882 A1 19790516; **EP 0001882 B1 19811209**; DE 2861435 D1 19820204; IT 1091947 B 19850706

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