

Title (en)
Keyboard with protection sheet

Title (de)
Tastenfeld mit Schutzfolie

Title (fr)
Clavier avec feuille de protection

Publication
EP 0729164 A3 19980318 (DE)

Application
EP 95117659 A 19951109

Priority
DE 19505852 A 19950221

Abstract (en)
[origin: DE19505852C1] A keyboard has an integrated film (6) that provides protection against moisture and contaminating particles. The keyboard is of a contact membrane type (2) that is formed with dome shaped projection is that are engaged by stems (5) from the keys (9) that move vertically to deform the domes to establish contact. The displacement range of the keys is limited by a rigid frame (3) and the foil lies against the frame and is fixed around the edge to the front panel of the housing. The foil is embedded into the keys.

IPC 1-7
H01H 13/70; **H01H 13/06**

IPC 8 full level
H01H 13/04 (2006.01); **B41J 5/10** (2006.01); **H01H 13/06** (2006.01); **H01H 13/70** (2006.01)

CPC (source: EP US)
B41J 5/10 (2013.01 - EP US); **H01H 13/70** (2013.01 - EP US); **H01H 2219/006** (2013.01 - EP US); **H01H 2221/066** (2013.01 - EP US); **H01H 2223/002** (2013.01 - EP US); **H01H 2223/003** (2013.01 - EP US); **H01H 2223/044** (2013.01 - EP US); **H01H 2229/062** (2013.01 - EP US); **H01H 2231/006** (2013.01 - EP US)

Citation (search report)

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- [Y] EP 0074315 A2 19830316 - TELEMECANIQUE ELECTRIQUE [FR]
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Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 19505852 C1 19960515; EP 0729164 A2 19960828; EP 0729164 A3 19980318; JP H08249978 A 19960927; RU 2152661 C1 20000710; US 5642950 A 19970701

DOCDB simple family (application)
DE 19505852 A 19950221; EP 95117659 A 19951109; JP 513396 A 19960116; RU 96103666 A 19960219; US 59267196 A 19960126