

Title (en)
FILM KEYBOARD

Title (de)
FOLIENASTATUR

Title (fr)
CLAVIER A EFFLEUREMENT

Publication
EP 1481410 B1 20061018 (DE)

Application
EP 03709715 A 20030220

Priority
• DE 10209079 A 20020301
• EP 0301735 W 20030220

Abstract (en)
[origin: WO03075297A1] Disclosed is a film keyboard with a number of operating areas, particularly for use in a potentially explosive environment, comprising a covering film made of an insulating material, an electrically conductive layer that is arranged underneath the covering film, and a conductor film which is disposed in an insulated manner across from the conductive layer and is provided with a number of strip conductors and circuit elements that are placed below the operating areas. The invention is characterized by the fact that a conductive layer is configured as a coating which is made of a conductive material and is arranged on the inside of the covering film, that at least one contact element permanently touches the coating of the covering film so as to create a conductive connection between the covering film and at least one strip conductor that is maintained at a specific potential, and that at least some partial areas of the coating are provided with an electrically insulating coat of lacquer above the circuit elements.

IPC 8 full level
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CPC (source: EP)
H01H 13/7006 (2013.01); **H01H 9/042** (2013.01); **H01H 2209/014** (2013.01); **H01H 2209/082** (2013.01); **H01H 2219/034** (2013.01); **H01H 2239/008** (2013.01)

Cited by
EP1515350A1; EP1741116A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
WO 03075297 A1 20030912; AU 2003214067 A1 20030916; DE 10209079 A1 20031016; DE 50305415 D1 20061130; EP 1481410 A1 20041201; EP 1481410 B1 20061018

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