

Title (en)
Layered keyboard.

Title (de)
Folientastatur.

Title (fr)
Clavier à feuilles.

Publication
EP 0419717 B1 19941102 (DE)

Application
EP 89118053 A 19890929

Priority
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Abstract (en)
[origin: EP0419717A1] The invention relates to a layered keyboard having a multiplicity of disc-shaped piezo-elements (6) which are arranged behind a front plate (1), provided with key symbols (1a), between two flexible layers (2 and 4) which are provided with a contact surface (2a and 4a) for each piezo element (6), which contact surface is connected by means of a conductor track (2b, 4b) to a keyboard plug connector, and having a rigid supporting plate (7), which supports the layers (2 and 4) and the front plate (1) for absorbing the bending forces exerted as a result of the pressure stress of the front plate (1) in the region of the key symbols (1a) onto the piezo-elements (6). In order to create a layered keyboard which is cost-effective and can be produced in a simple manner with the necessary precision, one of the flexible layers (2 or 4) is provided with rings (5) surrounding the piezo-elements (6), whose axial thickness corresponds approximately to the disc thickness of the piezo-elements (6). <IMAGE>

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IPC 8 full level
H01H 13/702 (2006.01)

CPC (source: EP)
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