

Title (en)  
Keyboard venting.

Title (de)  
Tastatur mit Entlüftung.

Title (fr)  
Event pour clavier.

Publication  
**EP 0322515 A2 19890705 (EN)**

Application  
**EP 88115128 A 19880915**

Priority  
US 13941587 A 19871230

Abstract (en)  
A keyboard (10) (e.g. for a calculator) is described including a base member having a plurality of channels (14) or a chamber, circuitry defining a plurality of switches (17) in a pattern, and optionally a plurality of domes (24) in registry with the switch sites. When a dome is depressed or deflected downwardly, the air under the dome passes into a channel or a chamber where it is distributed away from the switch site. A vent aperture (14B) communicating between the channel or chamber and the atmosphere may also be included. Membrane switches can also be used in such a keyboard.

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

IPC 8 full level  
**H01H 13/52** (2006.01); **H01H 13/702** (2006.01); **H01H 13/712** (2006.01)

CPC (source: EP)  
**H01H 13/702** (2013.01); **H01H 2203/02** (2013.01); **H01H 2213/002** (2013.01); **H01H 2213/01** (2013.01); **H01H 2213/014** (2013.01); **H01H 2215/006** (2013.01); **H01H 2227/006** (2013.01); **H01H 2227/018** (2013.01); **H01H 2227/022** (2013.01)

Cited by  
EP2175465A1; US8066191B1; EP2114727A4; EP1528584A3; DE10158580B4; US6727445B2; DE10158629B4; US6417467B1; EP0917167A1; US6100484A; US7214874B2; DE102004058482A9; DE102004058482A9; DE102004058482B4; DE102009051829A1; US8002564B2; DE102009051829B4; US7362231B2; US7056042B2; WO2004008096A1; WO2018064077A3; US9928456B1; US10176419B1; US7391861B2; US8094806B2; US7145092B2; US11369730B2; US8287336B2; US8961280B2; US8089017B2; US8507820B2

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DE FR GB IT

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**EP 0322515 A2 19890705**; **EP 0322515 A3 19900912**; JP H01209616 A 19890823

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