

Title (en)

Apparatus with at least one sensor switch

Title (de)

Vorrichtung mit mindestens einem Sensorschalter

Title (fr)

Dispositif avec au moins un commutateur-capteur

Publication

**EP 0936645 A3 20000531 (DE)**

Application

**EP 99101668 A 19990204**

Priority

DE 19805301 A 19980210

Abstract (en)

[origin: EP0936645A2] The sensor used in a push button switch that has an input in the form of a spring strip (16) with a curved section (14) that is deformed under the action of finger presence and has a snap action. The spring interacts capacitively with surfaces (18) on a base. When the finger is removed the switch turns off with an audible snap action. An Independent claim is included for an application of the sensor switch e.g. for electric cooker.

IPC 1-7

**H01H 13/70**

IPC 8 full level

**H01H 13/702** (2006.01)

CPC (source: EP)

**F24C 7/082** (2013.01); **H01H 13/702** (2013.01); **H01H 2215/036** (2013.01); **H01H 2223/022** (2013.01); **H01H 2239/006** (2013.01); **H01H 2239/022** (2013.01)

Citation (search report)

- [YA] DE 3144338 A1 19830714 - PHILIPS KOMMUNIKATIONS IND AG [DE]
- [DYA] EP 0446642 A1 19910918 - GAGGENAU WERKE [DE]
- [A] EP 0518648 A2 19921216 - FUJITSU LTD [JP]
- [A] US 4463234 A 19840731 - BENNEWITZ WILLIAM W [US]
- [A] US 5578802 A 19961126 - PALMOWSKI DAVID [US]

Cited by

EP1316980A1; US6394902B1; WO2006120042A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**DE 19805301 A1 19990812**; EP 0936645 A2 19990818; EP 0936645 A3 20000531

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