

Title (en)  
Touch pressure switch including a manually operated safety microswitch.

Title (de)  
Druckschalter mit einem handbetätigten Sicherheitsmikroschalter.

Title (fr)  
Interrupteur à pression ayant un microrupteur de sécurité actionné manuellement.

Publication  
**EP 0542695 A2 19930519 (EN)**

Application  
**EP 92830549 A 19921001**

Priority  
IT MI913049 A 19911115

Abstract (en)  
The present invention relates to a touch pressure switch, including a manually operated safety microswitch, characterized in that it comprises a bottom body defining a chamber, in communication with a fluid to be controlled, and being associated, through a blade contact bearing ring element, with a top cap. The chamber is closed by a membrane provided with an O-ring and coupled to a steel membrane, provided with a driving tappet assembly directly formed on this membrane and operating on a washer element, which is counter-biased by a first biasing spring and being adapted to operate on at least a blade contact which is supported by the contact bearing ring element, a safety microswitch being moreover provided, which can be manually operated or rearmed, and which cooperates with a pin element extending from the washer. <IMAGE>

IPC 1-7  
**H01H 1/00; H01H 35/34**

IPC 8 full level  
**H01H 35/34** (2006.01)

CPC (source: EP)  
**H01H 35/34** (2013.01)

Cited by  
CN102222586A; BE1012560A3; CN102810431A; CN104048081A; CN104362038A; CN117912875A; WO2015158640A1

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