

Title (en)  
TEXTILE CAPACITIVE PRESSURE SENSOR

Title (de)  
TEXTILER KAPAZITIVER DRUCKSENSOR

Title (fr)  
CAPTEUR DE PRESSION CAPACITIF TEXTILE

Publication  
**EP 1756538 A1 20070228 (DE)**

Application  
**EP 05749161 A 20050523**

Priority  

- EP 2005005543 W 20050523
- EP 04013555 A 20040609
- EP 05749161 A 20050523

Abstract (en)  
[origin: EP1605240A1] A textile pressure sensor has a flexible design which can be adapted to different shapes of load and comprising a sandwich construction with electrodes each side of a central compressible layer. The compressible layer has a reversible effect and is applied onto a flexible base electrode layer and is covered by an insulating layer. The sensor is completed by a pattern of flexible electrodes of selected shapes applied to the insulating layer and with each electrode with a separate connection to a processor. The electrodes can be conducting fabric, i.e. with conducting thread, or can be printed onto the support layers.

IPC 8 full level  
**G01L 1/14** (2006.01); **G01L 5/22** (2006.01); **G01L 9/00** (2006.01); **G01L 9/12** (2006.01); **G06F 3/033** (2006.01)

CPC (source: EP)  
**G01L 1/146** (2013.01)

Citation (search report)  
See references of WO 2005121729A1

Cited by  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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