

Title (en)  
DETECTOR DEVICE TO OPERATE IN AN AGRESSIVE ENVIRONMENT

Publication  
**EP 0148046 B1 19870506 (FR)**

Application  
**EP 84402347 A 19841116**

Priority  
FR 8318410 A 19831118

Abstract (en)  
[origin: EP0148046A1] 1. A device for detecting at least one given position of a rotary element (2) comprising, disposed in a sealed housing (12, 13), a finger member (21) fixed to said rotary element and carrying at least one magnet (25a, 25b; 31) and at least one switch (17a, 17b; 32, 33) having a flexible blade, controlled by a magnet and having an elongated shape defining two ends, this switch being disposed in a closed casing and arranged to be selectively closed and opened as a function of the position of the magnet, characterised in that the rotary element (2), the finger member (21) and the magnet (25a, 25b; 31) moving in accordance with a given angle (alpha), the switch (17a, 17b; 32, 33) is located mainly outside the angle swept through by the magnet and only an end part of the switch is located in confronting relation to the magnet when the latter occupies a position corresponding to the given position of the rotary element.

IPC 1-7  
**H01H 36/00**

IPC 8 full level  
**H01H 36/00** (2006.01)

CPC (source: EP)  
**H01H 36/0013** (2013.01)

Cited by  
EP0319264A1; EP0182733A3; FR2961284A1; CN102971564A; US8919375B2; WO2011154620A1

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