

Title (en)  
MEASUREMENT SYSTEM FOR SENSORS

Title (de)  
MESSUNGSSYSTEM FÜR SENSOREN

Title (fr)  
SYSTEME DE MESURE POUR DETECTEURS

Publication  
**EP 1461590 A1 20040929 (EN)**

Application  
**EP 01988104 A 20011221**

Priority  
• IT 0100650 W 20011221  
• SE 0101657 A 20010511

Abstract (en)  
[origin: WO02093111A1] Sensor device including at least one sensor and one self-oscillating chaotic electronic non linear dynamic circuit and one evaluation device coupled to the electronic non linear dynamic circuit. One component of the circuit can be trimmed to adjust a switching point for the response from the circuit. A small change in the response in the response of the sensor to a chemical or physical change will, due to chaotic behavior of the circuit, cause easily detectable changes in the read out.

IPC 1-7  
**G01D 3/02**; **G01N 27/00**

IPC 8 full level  
**G01D 3/02** (2006.01); **G01N 27/00** (2006.01); **G01N 27/12** (2006.01)

CPC (source: EP)  
**G01D 3/02** (2013.01); **G01N 27/122** (2013.01)

Citation (search report)  
See references of WO 02093111A1

Designated contracting state (EPC)  
IT

DOCDB simple family (publication)  
**WO 02093111 A1 20021121**; EP 1461590 A1 20040929; SE 0101657 D0 20010511; SE 0101657 L 20021112; SE 524708 C2 20040921

DOCDB simple family (application)  
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