

Title (en)  
CORROSION DETECTION DEVICE AND METHOD

Title (de)  
VORRICHTUNG UND VERFAHREN ZUR KORROSIONSDETEKTION

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE DÉTECTION DE LA CORROSION

Publication  
**EP 2250481 A1 20101117 (DE)**

Application  
**EP 08716317 A 20080306**

Priority  
EP 2008001802 W 20080306

Abstract (en)  
[origin: WO2009109203A1] The invention relates to a corrosion detection device and method. The device according to the invention comprises an oscillating body (21, 22, 23) the mechanical oscillation properties of which are variable depending on corrosion. An actuator (21...23, 34) sets the oscillating body oscillating, the oscillations being detected by a sensor (21...23, 34) and being converted to a corresponding oscillation signal. An evaluation unit (37) detects corrosion depending on the oscillation signal. The device is characterized by the compactness of the sensor element (20). The method according to the invention is not susceptible to frictional electricity, temperature variations and interference potentials.

IPC 8 full level  
**G01N 17/04** (2006.01)

CPC (source: EP)  
**G01N 17/04** (2013.01)

Citation (search report)  
See references of WO 2009109203A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009109203 A1 20090911**; EP 2250481 A1 20101117

DOCDB simple family (application)  
**EP 2008001802 W 20080306**; EP 08716317 A 20080306