

Title (en)  
Piezoelectric alarm generator

Title (de)  
Piezoelektrischer Alarmerzeuger

Title (fr)  
Emetteur d'alerte piézoélectrique

Publication  
**EP 1783715 B1 20091118 (DE)**

Application  
**EP 06121178 A 20060925**

Priority  
DE 102005049491 A 20051013

Abstract (en)  
[origin: EP1783715A2] The piezoelectric alarm generator (17) has a vibrating plate (35), a piezoelectric plate (37) attached to the vibrating plate and a divided electrode plate (38) partly covering the piezoelectric plate, whereby mechanical vibrations can be stimulated by applying a suitable alternating voltage between the plates. A microphone sub-panel (50) arranged the side of the electrode plate detects oscillations of the vibrating plate from deformations of the piezoelectric plate and feeds oscillation signals to a reporting circuit (20), which signals operation of the alarm generator.

IPC 8 full level  
**G08B 29/10** (2006.01); **G10K 9/122** (2006.01)

CPC (source: EP)  
**G08B 29/10** (2013.01)

Cited by  
EP2073178A1; WO2013090265A1

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1783715 A2 20070509; EP 1783715 A3 20080305; EP 1783715 B1 20091118**; AT E449394 T1 20091215; DE 102005049491 A1 20070419; DE 502006005393 D1 20091231; ES 2337077 T3 20100420

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