

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)
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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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