

Title (en)  
PIEZO-ELECTRIC ACTUATOR-TRANSDUCER FOR SOUND REPRODUCTION SYSTEMS

Title (de)  
PIEZOELEKTRISCHER BETÄTIGER-WANDLER FÜR TONWIEDERGABE-SYSTEME

Title (fr)  
ACTIONNEUR-TRANSDUCTEUR PIEZO-ELECTRIQUE DESTINE A DES SYSTEMES DE REPRODUCTION DE SONS

Publication  
**EP 0910848 B1 20000209 (EN)**

Application  
**EP 97930512 A 19970708**

Priority  
• EP 9703599 W 19970708  
• IT TO960589 A 19960711

Abstract (en)  
[origin: WO9802871A1] A piezo-electric actuator-transducer (1) for sound reproduction systems, comprising a thin ceramic plate (2) to be secured to a vibrating panel (P) forming part of a structure such as a vehicle body or the like. The ceramic plate (2) is fitted within a substantially tray-like container (4) made of a relatively flexible material, having a peripheral flange (5) provided with an adhesive layer (6) and a seat (7) in which the ceramic plate is housed and fixed, with the securing face (2a) thereof arranged in a plane lowered with respect to the adhesive layer (6) of the peripheral flange (5). Between the peripheral flange (5) and the seat (7) for the ceramic plate (2), the container (4) is formed with a receptacle (9) provided to capture any excess amount of a structural adhesive (14) by which the ceramic plate (2) is secured to the panel (P).

IPC 1-7  
**G10K 9/22**

IPC 8 full level  
**G10K 9/22** (2006.01)

CPC (source: EP)  
**G10K 9/22** (2013.01)

Designated contracting state (EPC)  
DE ES FR GB IT SE

DOCDB simple family (publication)  
**WO 9802871 A1 19980122**; DE 69701291 D1 20000316; DE 69701291 T2 20001019; EP 0910848 A1 19990428; EP 0910848 B1 20000209; ES 2142170 T3 20000401; IT 1286162 B1 19980707; IT TO960589 A0 19960711; IT TO960589 A1 19980111

DOCDB simple family (application)  
**EP 9703599 W 19970708**; DE 69701291 T 19970708; EP 97930512 A 19970708; ES 97930512 T 19970708; IT TO960589 A 19960711