

Title (en)

Piezoelectric transducer unit for telephone sets.

Title (de)

Piezoelektrische Wandlerkapsel für Fernsprengeräte.

Title (fr)

Capsule transductrice piézoélectrique pour appareils téléphoniques.

Publication

EP 0432546 B1 19940608 (DE)

Application

EP 90122416 A 19901123

Priority

DE 3941519 A 19891215

Abstract (en)

[origin: EP0432546A2] A piezoelectric transducer capsule (1) with a transducer plate (4) arranged in a metallic case formed by a holder (3) and a pot-like bottom (2). This transducer plate (4) is formed by a carrier plate (5) and a piezoelectric disc (6) provided with electrodes on both sides. The carrier plate (5) is clamped in its edge region between projections (7, 9) of a separating plate (8) and a carrier (10). It is the purpose of the present invention to demonstrate a connection between the blade contacts (12), used for external connection to the capsule (1), and the electrodes of the piezoelectric disc (6) which is easy to produce. This is carried out by the electrical connection to the electrodes being effected via in each case one free resilient end (20), which is under pretension and rests against the electrodes, of an L-shaped blade contact (12) which is fixed in the carrier (10) and the other free end (16) of which is freely accessible via a penetration (14) in the pot-shaped bottom (2). <IMAGE>

IPC 1-7

H04R 1/06; **H04R 17/00**

IPC 8 full level

H04R 1/06 (2006.01); **H04R 17/00** (2006.01)

CPC (source: EP)

H04R 1/06 (2013.01); **H04R 17/00** (2013.01); **H04R 2499/11** (2013.01)

Cited by

AU645310B2

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0432546 A2 19910619; **EP 0432546 A3 19920304**; **EP 0432546 B1 19940608**; DE 3941519 A1 19910620; DE 59006038 D1 19940714; ES 2055278 T3 19940816

DOCDB simple family (application)

EP 90122416 A 19901123; DE 3941519 A 19891215; DE 59006038 T 19901123; ES 90122416 T 19901123