

Title (en)  
ELECTRO-ACOUSTIC TRANSDUCER WITH PIEZO-ELECTRIC POLYMER

Publication  
**EP 0072288 B1 19861230 (FR)**

Application  
**EP 82401393 A 19820727**

Priority  
FR 8115506 A 19810811

Abstract (en)  
[origin: US4535205A] In a piezoelectric microphone or hydrophone, the elastic structure which reacts directly to the acoustic pressure is formed of piezoelectric polymer. The electroacoustic transducer according to the invention makes use of an elastic structure in the form of a rim clamped plate having at least one incurvation and covered on at least one of its two faces with electrodes connected to an impedance-matching circuit.

IPC 1-7  
**H04R 17/00**

IPC 8 full level  
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CPC (source: EP US)  
**H04R 17/005** (2013.01 - EP US); **H04R 17/025** (2013.01 - EP US)

Cited by  
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**EP 82401393 A 19820727**; CA 409046 A 19820809; DE 3274945 T 19820727; FR 8115506 A 19810811; GB 8222882 A 19820809; JP 13907782 A 19820810; US 40651782 A 19820809