

Title (en)  
UNDERWATER BROADBAND ACOUSTIC TRANSDUCER

Title (de)  
BREITBANDIGER UNTERWASSER-SCHALLWANDLER

Title (fr)  
TRANSDUCTEUR ACOUSTIQUE SOUS-MARIN A LARGE BANDE

Publication  
**EP 1222653 B1 20030917 (FR)**

Application  
**EP 00967997 A 20001010**

Priority  
• FR 0002815 W 20001010  
• FR 9913215 A 19991022

Abstract (en)  
[origin: FR2800229A1] The broadband acoustic transducer has a flexing piezoelectric strip (101) mounted on a cap (105) set into a cavity (108) with base plate (107). The external face of the cap is exposed to water (106), with the piezoelectric unit mounted on the inner cap face in an air cavity.

IPC 1-7  
**G10K 13/00**; **G10K 9/122**; **G10K 9/20**; **H04R 17/10**

IPC 8 full level  
**G10K 9/122** (2006.01); **G10K 9/20** (2006.01); **G10K 13/00** (2006.01)

CPC (source: EP US)  
**G10K 9/122** (2013.01 - EP US); **G10K 9/20** (2013.01 - EP US); **G10K 13/00** (2013.01 - EP US)

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**FR 2800229 A1 20010427**; **FR 2800229 B1 20020405**; DE 60005382 D1 20031023; DE 60005382 T2 20040708; EP 1222653 A1 20020717; EP 1222653 B1 20030917; US 6617765 B1 20030909; WO 0129820 A1 20010426

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