

Title (en)

Method and transducer for the emission of broadband low frequency acoustic waves in unlimited depth

Title (de)

Verfahren und Wandler zum Ausstrahlen von Breitband- und Niederfrequenz-Schallwellen in unbegrenzter Tauchtiefe

Title (fr)

Procédé et transducteur pour émettre des ondes acoustiques à larges bandes et basses fréquences en profondeur d'immersion illimitée

Publication

EP 0684084 B1 19981125 (FR)

Application

EP 95401229 A 19950526

Priority

FR 9406439 A 19940527

Abstract (en)

[origin: EP0684084A1] the transducer includes at least one electro-acoustic motor (1) setting all the walls of the device vibrating for transmission of waves. A hollow box (5) encloses the motor, defining the vibrating wall (3) surrounding a cavity (7). The transducer also includes at least one opening (6) allowing communication between the cavity and the ambient medium (4). One of more flexible containers (8) are provided, holding a compressible fluid (9) which occupies the space between the electro-acoustic motor (1) and the vibrating walls (3).

IPC 1-7

B06B 1/06; G10K 11/20

IPC 8 full level

B06B 1/06 (2006.01)

CPC (source: EP US)

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Cited by

CN116532349A; FR2971112A1; CN103492090A; US9387514B2; WO2012104549A3; EP2670536B1

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