

Title (en)

Device for immersion in water and comprising a sound transducer

Title (de)

Vorrichtung zur Verwendung unter Wasser und mit einem Schallwandler

Title (fr)

Appareil susceptible d'être immergé et comprenant un transducteur sonore

Publication

**EP 0899635 B1 20030502 (FR)**

Application

**EP 97114986 A 19970829**

Priority

EP 97114986 A 19970829

Abstract (en)

[origin: EP0899635A1] A submersible article typically a wristwatch (1) has slow gas pressure equalisation (26), and an acoustic transducer, preferably a loudspeaker (22) consisting of a metal plate between two piezoelectric discs, attached solidly to a deformable watertight membrane (17). The membrane is held against a supporting surface (12) by a ring (20) with sprung feet and restrained from excess movement by a perforated grill (23).

IPC 1-7

**G04B 37/00**; **G04B 37/11**

IPC 8 full level

**G04B 37/00** (2006.01); **G04B 37/11** (2006.01)

CPC (source: EP)

**G04B 37/0075** (2013.01); **G04B 37/11** (2013.01)

Cited by

EP1063632A1; EP1130944A1; US6321868B1; US7414922B2; WO2004066041A1; EP1113346A1; US6865278B2

Designated contracting state (EPC)

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