

Title (en)

Open sonar array comprising electroacoustic transducers.

Title (de)

Offene Sonar-Anordnung mit elektroakustische Wandler.

Title (fr)

Antenne sonar ouverte comportant des transducteurs électro-acoustiques.

Publication

**EP 0684085 A1 19951129 (FR)**

Application

**EP 95401230 A 19950526**

Priority

- FR 9406406 A 19940526
- FR 9406407 A 19940526
- FR 9406408 A 19940526
- FR 9406409 A 19940526

Abstract (en)

The sonar aerial (1) comprises a number of assemblies which are preferably identical, each comprising a piezoelectric motor and a bell fixed to a common counterweight (9). The counterweight is a cylindrical shape about an axis (ZZ1). The longitudinal axes of the separate assemblies are coplanar and radial w.r.t. the central axis of the cylindrical counterweight. The outer surfaces of the individual elements are coated with an electrically insulating and sealant layer (5). This may be a moulded rubber layer. Each device may also include a baffle near to the transducer, the baffle being made of a light, cellular material.

IPC 1-7

**B06B 1/06**

IPC 8 full level

**B06B 1/06** (2006.01)

CPC (source: EP)

**B06B 1/0618** (2013.01)

Citation (applicant)

- FR 2302655 A1 19760924 - FRANCE ETAT [FR]
- FR 2361033 A1 19780303 - FRANCE ETAT [FR]

Citation (search report)

- [XAY] FR 2665998 A1 19920221 - FRANCE ETAT ARMEMENT [FR]
- [XY] FR 2697709 A1 19940506 - FRANCE ETAT ARMEMENT [FR]
- [X] FR 2302656 A1 19760924 - FRANCE ETAT [FR]
- [XY] EP 0462037 A1 19911218 - GROSSO GILLES A [FR]
- [A] FR 2302655 A1 19760924 - FRANCE ETAT [FR]
- [A] FR 2498866 A1 19820730 - TECH RADIOELECT ELECTRO FS [FR]
- [Y] FR 2361033 A1 19780303 - FRANCE ETAT [FR]
- [Y] FR 2569326 A1 19860221 - FRANCE ETAT ARMEMENT [FR]
- [Y] GB 190921394 A 19100919 - EVERSHED VIGNOLES LTD [GB], et al
- [A] GB 2270231 A 19940302 - THOMSON CSF [FR]
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Cited by

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Designated contracting state (EPC)

DE DK ES FR GB IT NL SE

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