

Title (en)

ACOUSTIC EMISSION METHOD FOR SONARS

Title (de)

VERFAHREN ZUM ERZEUGEN VON AKUSTISCHEN WELLEN FÜR SONAR

Title (fr)

PROCEDE D'EMISSION ACOUSTIQUE POUR SONAR

Publication

**EP 0800656 A1 19971015 (FR)**

Application

**EP 95942754 A 19951215**

Priority

- FR 9501679 W 19951215
- FR 9415784 A 19941228

Abstract (en)

[origin: WO9620415A1] An acoustic emission method for sonars is described. The method comprises providing the sonar with a transmission antenna (303) separate from the reception antenna (301). The transmission antenna is shaped as a linear acoustic antenna and can be towed together with a reception linear acoustic antenna, or be suspended from a helicopter (202) to form a dipping type sonar (221). Sensing by such sonars is facilitated by increasing the sound level by the directivity index, while the levels of reverberation from the sea floor and the surface of the sea are reduced.

IPC 1-7

**G01V 1/38**; **G01S 7/521**

IPC 8 full level

**G01S 7/521** (2006.01); **G01V 1/145** (2006.01); **G01V 1/38** (2006.01); **G10K 9/12** (2006.01)

CPC (source: EP US)

**G01S 7/521** (2013.01 - EP US); **G01S 7/524** (2013.01 - EP); **G01V 1/145** (2013.01 - EP US); **G01V 1/38** (2013.01 - EP US); **G10K 9/121** (2013.01 - EP US); **B63B 21/66** (2013.01 - EP)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 9620415 A1 19960704**; CA 2208982 A1 19960704; EP 0800656 A1 19971015; FR 2729041 A1 19960705; FR 2729041 B1 19970131; US 5856954 A 19990105

DOCDB simple family (application)

**FR 9501679 W 19951215**; CA 2208982 A 19951215; EP 95942754 A 19951215; FR 9415784 A 19941228; US 83688297 A 19970627