

Title (en)

TRANSDUCER SYSTEM FOR SONAR IMAGING

Publication

EP 0142416 B1 19880113 (FR)

Application

EP 84402088 A 19841017

Priority

FR 8316994 A 19831025

Abstract (en)

[origin: CA1241731A] A sonar transducer comprising a stack of an even number of antennae with identical linear networks, said stack being driven with a reciprocating rotary movement of low amplitude, said antennae alternately emitting and receiving by halves, the emitting antennae as well as the receiving antennae being mutually staggered by an angle equal to the angle of rotation of the assembly, the assembly of receiving antennae being staggered with respect to the assembly of emitting antennae by an angle equal to the phase delay of an emission lobe with respect to the corresponding reception lobe.

IPC 1-7

G10K 11/00

IPC 8 full level

G10K 11/35 (2006.01)

CPC (source: EP US)

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Cited by

EP0424239A1; FR2653564A1; US5101383A

Designated contracting state (EPC)

DE GB IT

DOCDB simple family (publication)

EP 0142416 A2 19850522; EP 0142416 A3 19850626; EP 0142416 B1 19880113; CA 1241731 A 19880906; DE 3468764 D1 19880218; FR 2553895 A1 19850426; FR 2553895 B1 19860207; US 4779239 A 19881018

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EP 84402088 A 19841017; CA 465800 A 19841018; DE 3468764 T 19841017; FR 8316994 A 19831025; US 66316584 A 19841022