

Title (en)
COMPLIANT TUBE BAFFLE

Publication
EP 0291892 A3 19890927 (EN)

Application
EP 88107777 A 19880514

Priority
US 5179987 A 19870520

Abstract (en)
[origin: EP0291892A2] A compliant baffle for use in a marine environment wherein a pair of plate-like elements (30, 32) are separated in a spaced predetermined manner typically employing T-blocks, rods, or edges (34, 36) of the plate-like elements bent one towards the next, surrounded by an elastomeric encapsulant (48) and configured into ranks of box-like structures (12) forming a sonic reflector (10) or baffle. The baffle finds utility in reflecting noise in especially at great depths in marine environments.

IPC 1-7
G10K 11/20

IPC 8 full level
B63G 8/00 (2006.01); **G10K 11/20** (2006.01)

CPC (source: EP)
G10K 11/205 (2013.01)

Citation (search report)

- [AD] US 3021504 A 19620213 - TOULIS WILLIAM J
- [A] US 2906993 A 19590929 - STEINBERGER RAYMOND L
- [A] FR 2536195 A1 19840518 - SINTRA ALCATEL SA [FR]
- [AD] JOURNAL OF THE ACOUSTICAL SOCIETY OF AMERICA, vol. 78, no. 3, September 1985, pages 1010-1012, Acoustical Society of America, New York, US; M.C. JUNGER: "Water-borne sound insertion loss of a planar compliant-tube array"

Cited by
EP0328931A3; FR2730335A1; FR3037705A1; US8910743B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0291892 A2 19881123; EP 0291892 A3 19890927; CA 1330954 C 19940726; JP 2823864 B2 19981111; JP H01138592 A 19890531

DOCDB simple family (application)
EP 88107777 A 19880514; CA 567300 A 19880519; JP 12077488 A 19880519