

Title (en)

Wall covering absorbing acoustic waves.

Title (de)

Akustische Wellen dämpfende Wandbedeckung.

Title (fr)

Revetement de paroi absorbant les ondes acoustiques.

Publication

EP 0161458 A1 19851121 (FR)

Application

EP 85104033 A 19850404

Priority

FR 8405558 A 19840409

Abstract (en)

[origin: US4560028A] In sound absorbing lining, conduits (4) are provided, filled with a viscous damping fluid, and are in contact by their ends facing towards the rigid supporting wall (1) to which the lining is applied with flexible cells containing a gas and forming a readily compressible material, for example foam rubber (6). Said conduits are separated from the ambient medium (2) by a separating membrane (3) which is permeable to acoustic waves. Lining is applied to absorbing acoustic waves underwater.

Abstract (fr)

Des conduits (4) contiennent un liquide d'amortissement visqueux et sont en contact, du côté de la plaque de base rigide (1) qui est munie du revêtement, avec des enceintes souples contenant un gaz et constituant un matériau facilement compressible, par exemple du caoutchouc mousse (6). Ces conduits sont séparés du milieu ambiant (2) par une membrane séparatrice (3) perméable aux ondes acoustiques. L'invention s'applique à l'absorption des ondes acoustiques sous l'eau.

IPC 1-7

G10K 11/16

IPC 8 full level

E01F 8/00 (2006.01); **E02B 17/00** (2006.01); **E04B 1/82** (2006.01); **E04B 1/86** (2006.01); **G10K 11/16** (2006.01); **G10K 11/172** (2006.01)

CPC (source: EP US)

G10K 11/172 (2013.01 - EP US); **Y10T 428/24149** (2015.01 - EP US)

Citation (search report)

- [AD] US 4421455 A 19831220 - TOMREN RAYMOND H [US]
- [A] US 3961305 A 19760601 - GREEN CHARLES E

Cited by

FR2664868A1; FR2582847A1; FR2656718A1; EP0897176A1; FR2767410A1; EP0317380A1; FR2622333A1; US4883143A; EP0292877A1; FR2615994A1; US4817757A; WO9201599A1; WO9222053A1

Designated contracting state (EPC)

BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0161458 A1 19851121; FR 2562699 A1 19851011; FR 2562699 B1 19861205; JP H059037 B2 19930203; JP S60237491 A 19851126; US 4560028 A 19851224

DOCDB simple family (application)

EP 85104033 A 19850404; FR 8405558 A 19840409; JP 7416485 A 19850408; US 72093585 A 19850408