

Title (en)
Underwater antenna

Title (de)
Unterwasserantenne

Title (fr)
Antenne d'eau souterraine

Publication
EP 2200017 B1 20150422 (DE)

Application
EP 09177541 A 20091130

Priority
DE 102008064002 A 20081219

Abstract (en)
[origin: EP2200017A2] The antenna has a converter arrangement (16) consisting of electro-acoustic converters i.e. hydrophones, which are attached to a metal plate (19). The converter arrangement is displaced in a sound incidence direction of a reflector (15). An electro-acoustic assembly unit (13) is accommodated in an acoustic transparent enveloping body segment and is attached to the body segment by a soft material body (20). The body segment comprises brackets and is fixed at an antenna carrier with the brackets by an acoustic decoupling unit.

IPC 8 full level
G10K 11/00 (2006.01)

CPC (source: EP KR)
B63G 8/39 (2013.01 - EP KR); **G10K 11/008** (2013.01 - EP KR); **H01Q 1/04** (2013.01 - KR); **H01Q 1/1207** (2013.01 - KR); **H01Q 1/34** (2013.01 - KR)

Cited by
CN112713388A; WO2018059613A1; US11395064B1; WO2022154893A1; EP3266019B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 09177541 A 20091130; DE 102008064002 A 20081219; KR 20090127242 A 20091218