

Title (en)
UNDERWATER ANTENNA

Title (de)
UNTERWASSERANTENNE

Title (fr)
ANTENNE SOUS-MARINE

Publication
EP 2104934 B1 20121031 (DE)

Application
EP 07819860 A 20071119

Priority
• EP 2007009977 W 20071119
• DE 102006060795 A 20061221

Abstract (en)
[origin: DE102006060795B3] The antenna has a transducer row (11) with electro-acoustic transducers (12) that are arranged at a distance from each other and one behind the other. A reflector (13) is arranged in a sound incidence direction behind the row. The reflector has a sound-hard reflector plate (16) with front and rear walls (161, 162) turned towards and away from the transducers respectively. The plate is designed as a V-shaped plate, and is arranged such that distance (a) of the rear wall or the front wall seen along the transducer row varies section wise over the length of the reflector.

IPC 8 full level
G10K 11/00 (2006.01)

CPC (source: EP KR)
B63G 8/39 (2013.01 - EP); **G10K 11/002** (2013.01 - EP); **G10K 11/008** (2013.01 - EP); **G10K 11/18** (2013.01 - KR); **G10K 11/20** (2013.01 - KR); **G10K 11/28** (2013.01 - KR)

Cited by
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006060795 B3 20071213; EP 2104934 A2 20090930; EP 2104934 B1 20121031; KR 101221737 B1 20130111;
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DE 102006060795 A 20061221; EP 07819860 A 20071119; EP 2007009977 W 20071119; KR 20097012370 A 20071119