

Title (en)
OMNIDIRECTIONAL ANTENNA

Title (de)
RUNDSTRAHLANTENNE

Title (fr)
ANTENNE OMNIDIRECTIONNELLE

Publication
EP 3198586 B1 20240501 (FR)

Application
EP 15774892 A 20150925

Priority
• FR 1402168 A 20140926
• EP 2015072131 W 20150925

Abstract (en)
[origin: WO2016046377A1] The invention relates to an omnidirectional antenna (100) intended to equip a sonar, the antenna being centred around a longitudinal axis (10) and comprising a set of emission annuli (20) stacked along the longitudinal axis, each emission annulus (20) being formed around the longitudinal axis. The emission annuli (20) are assembled in groups of annuli (200), the antenna (100) comprising at least two groups of annuli (200) and each group of annuli comprising at least two annuli (20), the inter-annulus spacings between the annuli being one and the same group and the inter-group spacings between two successive groups of annuli being chosen in such a way as to optimize the emission bandwidth and the sound level.

IPC 8 full level
G10K 11/00 (2006.01); **B63G 8/39** (2006.01); **G01S 7/521** (2006.01)

CPC (source: EP US)
G10K 11/008 (2013.01 - EP US)

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016046377 A1 20160331; BR 112017006067 A2 20180130; CA 2962492 A1 20160331; CA 2962492 C 20230822;
EP 3198586 A1 20170802; EP 3198586 B1 20240501; EP 3198586 C0 20240501; FR 3026569 A1 20160401; FR 3026569 B1 20171208;
SG 10201902442Y A 20190429; SG 11201702420Y A 20170427; US 10789928 B2 20200929; US 2017301332 A1 20171019

DOCDB simple family (application)
EP 2015072131 W 20150925; BR 112017006067 A 20150925; CA 2962492 A 20150925; EP 15774892 A 20150925; FR 1402168 A 20140926;
SG 10201902442Y A 20150925; SG 11201702420Y A 20150925; US 201515514373 A 20150925