

Title (en)

Wire antenna for the transmission of HF radiowaves on a submarine

Title (de)

Drahtantenne für die Übertragung von HF Signalen von einem U-Boot

Title (fr)

Antenne filaire pour émission HF par un engin sous marin

Publication

EP 2779304 A1 20140917 (FR)

Application

EP 14159877 A 20140314

Priority

FR 1352345 A 20130315

Abstract (en)

The antenna has a coaxial cable (2), and a radiating end element (3) comprising a multi-stranded element. The multi-stranded element comprises a support element at periphery of which the radiating end element is arranged. Radiating conductors are regularly arranged around the periphery of the support element. An intermediate connection electrode (4) is placed between the coaxial cable and the radiating end element. A terminal electrode (5) is placed at the end of the radiating end element.

Abstract (fr)

Cette antenne filaire pour une émission HF par un engin sous marin, du type comportant un câble coaxial (2) et un élément d'extrémité rayonnant (3), est caractérisée en ce que l'élément rayonnant comporte un organe multibrins (3).

IPC 8 full level

H01Q 1/04 (2006.01); **H01Q 1/30** (2006.01); **H01Q 1/34** (2006.01)

CPC (source: EP)

H01Q 1/04 (2013.01); **H01Q 1/30** (2013.01); **H01Q 1/34** (2013.01)

Citation (applicant)

FR 2962854 A1 20120120 - THALES SA [FR]

Citation (search report)

- [XY] US 5933117 A 19990803 - GERHARD ERICH MAX [US]
- [XDY] FR 2962854 A1 20120120 - THALES SA [FR]
- [X] GB 2404444 A 20050202 - STATOIL ASA [NO], et al
- [A] FR 2938980 A1 20100528 - MECABOLIER [FR]

Cited by

FR3064406A1; WO2018178003A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2779304 A1 20140917; EP 2779304 B1 20211222; ES 2909101 T3 20220505; FR 3003388 A1 20140919; FR 3003388 B1 20150417

DOCDB simple family (application)

EP 14159877 A 20140314; ES 14159877 T 20140314; FR 1352345 A 20130315