

Title (en)
Method of manufacturing an antenna radome for submarines

Title (de)
Verfahren zum Herstellen einer Antennenkappe für U-Boote

Title (fr)
Méthode pour fabriquer un radome d'antenne pour sous-marines

Publication
EP 1717900 A1 20061102 (DE)

Application
EP 06112080 A 20060331

Priority
DE 102005018052 A 20050419

Abstract (en)
The method involves fitting a radome (4) made of plastic material to a capsule-shaped radome frame (2) made of high-grade steel. The outer circumference of the radome frame is arranged over the interior extent of the lower end of the radome tube (4a). The radome has a radome cap (4b) glued on the upper end of the radome tube, such that the bonding slit (5') between the radome cap and radome tube is filled with adhesive and formed diagonally with respect to a longitudinal axis (10). The radome and radome carrier form an antenna cap (1) for covering a radio tower (9). An independent claim is included for the antenna cap.

IPC 8 full level
H01Q 1/42 (2006.01); **H01Q 1/04** (2006.01); **H01Q 1/34** (2006.01)

CPC (source: EP)
H01Q 1/04 (2013.01); **H01Q 1/34** (2013.01); **H01Q 1/42** (2013.01)

Citation (search report)
• [Y] US 5550555 A 19960827 - COTTRELL PETER R [GB]
• [Y] GB 2197704 A 19880525 - VICKERS SHIPBUILDING & ENG
• [A] US 3911441 A 19751007 - STEIN IRA S
• [A] GB 1588872 A 19810429 - SECR DEFENCE

Cited by
DE102011009283A1; CN108808239A; WO2012100859A1; US11329372B2; US11837781B2; WO2019204863A1

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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