

Title (en)

RADOME WATERTIGHT CLOSURE MECHANISM

Title (de)

WASSERDICHTER RADOM-VERSCHLUSSMECHANISMUS

Title (fr)

MÉCANISME DE FERMETURE ÉTANCHE DU RADOME

Publication

EP 3849014 A1 20210714 (EN)

Application

EP 20382005 A 20200108

Priority

EP 20382005 A 20200108

Abstract (en)

The watertight closure mechanism clasps the radome around its edge with sufficient pressure to guarantee its watertightness and constitutes the receiving surface of the fixing means to the metal lower base plate to which the radome is attached, without the radome of composite material being machined. The mechanism is formed by an outer ring (12) and an inner ring (6) joined to the outer ring (12) that clasp the radome around its edge (2), as well as a connecting base (9) situated against the edge (2), which can form part of the outer ring (12) or the inner ring (6) and constitutes the contact surface with the base plate (5), and by pressure and closing elements (11, 21) which ensure the snap-on closure of the inner ring (6) and the outer ring (12) against the radome (1).

IPC 8 full level

H01Q 1/42 (2006.01)

CPC (source: EP)

H01Q 1/42 (2013.01)

Citation (search report)

- [XAI] GB 1588872 A 19810429 - SECR DEFENCE
- [XAI] WO 9401899 A1 19940120 - GORE & ASS [US]
- [I] US 2016315376 A1 20161027 - MOTOMURA YUSUKE [JP], et al

Cited by

KR102462750B1

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)

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