

Title (en)
ANTENNA ELEMENT ATTACHING STRUCTURE

Title (de)
ANTENNENELEMENTANBRINGUNGSSTRUKTUR

Title (fr)
STRUCTURE DE FIXATION D'ELEMENT D'ANTENNE

Publication
EP 1355374 A4 20040811 (EN)

Application
EP 01273191 A 20011225

Priority
• JP 0111346 W 20011225
• JP 2001007316 A 20010116

Abstract (en)
[origin: EP1355374A1] An antenna element installation structure designed so prevent the antenna element from being detached from the antenna base unit. A tapered projecting section 13b having an enlarging diameter is provided at the front end of a coupling extension section 13a extending from the lower end of an element installation screw section 13 provided at the lower end of an element base unit 12 of the antenna element. When a screw section 13e of the element base section 12 is screwed to a hot fixture 20, the tapered projecting section 13b passes through a push nut 22 and engages with the push nut 22. Thereby, the antenna element cannot be detached inadvertently from the antenna cover 3a of the antenna base unit. The push nut 22 is fixed freely inside the antenna installation section 10 by means of a hot fixture 20 and a metal fixture 21. <IMAGE>

IPC 1-7
H01Q 1/32

IPC 8 full level
H01Q 1/32 (2006.01); **H01Q 1/08** (2006.01); **H01Q 1/10** (2006.01); **H01Q 1/12** (2006.01); **H01Q 1/22** (2006.01); **H01Q 9/32** (2006.01)

CPC (source: EP)
H01Q 1/088 (2013.01); **H01Q 1/106** (2013.01); **H01Q 1/1214** (2013.01)

Citation (search report)
• [X] EP 0891001 A1 19990113 - CALEARO MASSIMO [IT]
• [A] US 5945952 A 19990831 - DAVIDSON BRIAN JAMES [GB]
• See references of WO 02056413A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1355374 A1 20031022; EP 1355374 A4 20040811; JP 2002217622 A 20020802; WO 02056413 A1 20020718

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