

Title (en)

GUYED SINGLE-TUBE PYLON FOR SUPPORTING COMMUNICATIONS ANTENNAE

Title (de)

ABGESPANNTER EINZELROHRMAST ZUM TRAGEN VON FERNMELDEANTENNEN

Title (fr)

PYLONE MONOTUBE HAUBANNE POUR SUPPORT D'ANTENNES DE TELECOMMUNICATIONS

Publication

EP 1402136 A1 20040331 (FR)

Application

EP 02760359 A 20020614

Priority

- FR 0202072 W 20020614
- FR 0108367 A 20010619

Abstract (en)

[origin: FR2826038A1] The mobile telephone aerial comprises a central shaft (10) comprising vertical sections (Si), supported by horizontal sections (21). There are also two type of supporting guys. These provide a bracing function. Both types of guy are nearly vertical, and offer minimal visual impact. The pylon for a mobile telephone aerial comprises a central shaft (10) comprising several vertical sections (Si), supported by a number of horizontal sections (21). There are also two type of supporting guys. A first set of guys (16) is distributed around the shaft, each extending from the top of the shaft or close to the top to the ground where it is anchored. These provide a bracing function. At least one further set of guys (17,18,19) is distributed around the shaft. These link horizontal sections to the shaft, thus providing support for lengths of the shaft. Both types of guy are nearly vertical, at least between the top of the shaft and the lowest horizontal element (A1) closest to the ground.

IPC 1-7

E04H 12/16; **E04H 12/20**; **E04H 12/10**; **H01Q 1/12**

IPC 8 full level

E04H 12/10 (2006.01); **E04H 12/16** (2006.01); **E04H 12/20** (2006.01); **H01Q 1/12** (2006.01)

CPC (source: EP)

E04H 12/10 (2013.01); **E04H 12/16** (2013.01); **E04H 12/20** (2013.01); **H01Q 1/12** (2013.01); **H01Q 1/1207** (2013.01); **H01Q 1/1242** (2013.01)

Citation (search report)

See references of WO 02103139A1

Cited by

DE102013012489A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

FR 2826038 A1 20021220; CA 2454400 A1 20021227; EP 1402136 A1 20040331; RU 2004101285 A 20050527; WO 02103139 A1 20021227

DOCDB simple family (application)

FR 0108367 A 20010619; CA 2454400 A 20020614; EP 02760359 A 20020614; FR 0202072 W 20020614; RU 2004101285 A 20020614