

Title (en)  
Antenna

Title (de)  
Antenne

Title (fr)  
Antenne

Publication  
**EP 2346115 A3 20110817 (DE)**

Application  
**EP 11000287 A 20110114**

Priority  

- ES 201000049 U 20100115
- ES 201000050 U 20100115
- ES 201000064 A 20100115
- ES 201000065 A 20100115

Abstract (en)  
[origin: EP2346115A2] The antenna has a rod (12) with director elements (121), where a housing (14) is arranged at a dipole and encloses a part of the rod. The housing comprises a fixing element (15) for fixing the rod in one position (16) and another fixing element (17) for fixing the rod in another position (18). The fixing elements comprise retaining elements (19, 110), respectively. The retaining elements exhibit a distance relative to each other, where the distance corresponds to width of the rod. A connecting element made up of metallic material or plastic is used for galvanic connection.

IPC 8 full level  
**H01Q 19/30** (2006.01); **H01Q 19/04** (2006.01)

CPC (source: EP)  
**H01Q 19/04** (2013.01); **H01Q 19/30** (2013.01)

Citation (search report)  

- [X] DE 202009002334 U1 20090520 - TELEVES SA [ES]
- [A] JP S6162417 U 19860426
- [A] JP S5036447 U 19750417
- [X] DE 7836851 U1 19790510
- [I] GB 1036158 A 19660713 - NORTH WESTERN SPECIALITIES LTD
- [A] DE 1591485 A1 19691127 - SIEMENS AG

Cited by  
ES2467016R1; EP2706610A1; ES2539524A1; ES2467015R1; ES2540380A1; EP2621014A1; EP2858178A1

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 2346115 A2 20110720; EP 2346115 A3 20110817; EP 2346115 B1 20121031**; ES 2422957 T3 20130916; PL 2346115 T3 20130329; PT 2346115 E 20130204

DOCDB simple family (application)  
**EP 11000287 A 20110114**; ES 11000287 T 20110114; PL 11000287 T 20110114; PT 11000287 T 20110114