

Title (en)
ANTENNA SYSTEM

Title (de)
ANTENNENSYSTEM

Title (fr)
SYSTEME D'ANTENNE

Publication
EP 0569390 B1 19960814 (EN)

Application
EP 92902722 A 19920118

Priority

- EP 92902722 A 19920118
- EP 9200090 W 19920118
- EP 91400179 A 19910128

Abstract (en)
[origin: WO9213373A1] The antenna system according to the invention includes a lens (11), which focusses incoming waves (10) at respective focal points (12a-c). Helical feeders (23a-c), which are provided near said focal points (12a-c) and preferably integrated in said lens (11), receive the waves (10) and appropriate signals are led by feeder lines (14a-c) to a suitable receiver (15). By the antenna system according to the invention a mechanical support for the feeders and the feeder lines can be provided. If a hemispherical lens is used, the antenna system is less bulky and especially in this case the length of required feeder lines can be reduced and the receiving efficiency can be increased. The system according to the invention is preferably used as part of a system for receiving Direct Broadcasting Satellite microwaves from different satellites.

IPC 1-7
H01Q 19/06; **H01Q 25/00**

IPC 8 full level
H01Q 11/08 (2006.01); **H01Q 15/08** (2006.01); **H01Q 19/06** (2006.01); **H01Q 25/00** (2006.01)

CPC (source: EP KR)
H01Q 11/08 (2013.01 - EP); **H01Q 19/06** (2013.01 - KR); **H01Q 19/062** (2013.01 - EP); **H01Q 25/008** (2013.01 - EP)

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9213373 A1 19920806; AU 1162992 A 19920827; CN 1027476 C 19950118; CN 1064177 A 19920902; DE 69212807 D1 19960919; DE 69212807 T2 19970130; EP 0569390 A1 19931118; EP 0569390 B1 19960814; ES 2090604 T3 19961016; JP H06504659 A 19940526; KR 930703718 A 19931130; MX 9200323 A 19920901; MY 108658 A 19961031; NZ 241412 A 19940726; RU 2067342 C1 19960927; TR 27907 A 19951011; ZA 92539 B 19930923

DOCDB simple family (application)
EP 9200090 W 19920118; AU 1162992 A 19920118; CN 92100676 A 19920128; DE 69212807 T 19920118; EP 92902722 A 19920118; ES 92902722 T 19920118; JP 50275892 A 19920118; KR 930702241 A 19930728; MX 9200323 A 19920127; MY PI19920134 A 19920128; NZ 24141292 A 19920127; RU 93052689 A 19920118; TR 10292 A 19920127; ZA 92539 A 19920127