

Title (en)

Antenna for the transmission and reception of electromagnetic signals

Title (de)

Antenne zur Abstrahlung und zum Empfang elektromagnetischer Wellen

Title (fr)

Antenne pour la transmission et la réception de signaux électromagnétiques

Publication

EP 1109245 A3 20020904 (DE)

Application

EP 00403190 A 20001116

Priority

DE 19961237 A 19991218

Abstract (en)

[origin: EP1109245A2] The antenna has a parabolic reflector, a stimulator acting as a sub-reflector and a radio box on the rear of the reflector connected via a hollow conductor to a transmitter/receiver. A polarization switch (8) arranged between the radio box and hollow conductor for simultaneous transmission of two orthogonal linearly polarized waves has two hollow conductor paths (9,10), one straight and one with a 90 degree bend.

IPC 1-7

H01P 1/161; **H01Q 13/02**

IPC 8 full level

H01P 1/161 (2006.01); **H01Q 13/02** (2006.01)

CPC (source: EP US)

H01P 1/161 (2013.01 - EP US); **H01Q 13/0258** (2013.01 - EP US)

Citation (search report)

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- [A] DE 3822981 A1 19881222 - KATHREIN WERKE KG [DE]
- [Y] JUNGK K: "DAS SPEISESYSTEM", FUNKSCHAU, FRANZIS-VERLAG K.G. MUNCHEN, DE, vol. 67, no. 7, 17 March 1995 (1995-03-17), pages 71 - 72, XP000498129, ISSN: 0016-2841
- [A] PATENT ABSTRACTS OF JAPAN vol. 015, no. 405 (E - 1122) 16 October 1991 (1991-10-16)

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EP1394892A4; US7019603B2; WO03058755A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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