

Title (en)

Reflector antenna and method of fabricating a subreflector

Title (de)

Reflektorantenne und Verfahren zum Herstellen eines Subreflektors

Title (fr)

Antenne à réflecteur et procédé de fabrication d'un réflecteur secondaire

Publication

EP 1098393 A3 20020605 (DE)

Application

EP 00250367 A 20001102

Priority

DE 19952819 A 19991102

Abstract (en)

[origin: EP1098393A2] The antenna includes a main reflector, in front of which, in the direction of incident radiation, a sub-reflector with a reflecting surface is rotatably arranged. The sub-reflector (2) comprises a cylindrical axis (23) that lies in the direction of a main axis (22) of the main reflector (1), the sub-reflector being rotatably mounted on the cylindrical axis so that it can rotate at high speeds of 1500 to 3500 rpm. The sub-reflector may be mounted in an vibration-free manner, and free from unbalance. An Independent claim is included for a method of manufacturing a reflector for a reflecting antenna.

IPC 1-7

H01Q 19/19; **H01Q 3/20**; **H01Q 1/00**; **H01Q 15/14**

IPC 8 full level

H01Q 1/00 (2006.01); **H01Q 3/20** (2006.01); **H01Q 19/19** (2006.01)

CPC (source: EP US)

H01Q 1/005 (2013.01 - EP US); **H01Q 3/20** (2013.01 - EP US); **H01Q 19/19** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0507440 A1 19921007 - BAYNE GERALD ALEXANDER [FR]
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- [XA] PATENT ABSTRACTS OF JAPAN vol. 007, no. 170 (E - 189) 27 July 1983 (1983-07-27)

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