

Title (en)

Reflector with shaped surface and spatial separated foci for the illumination of identical areas, antenna system and method for determining the surface

Title (de)

Reflektor mit geformter Oberfläche und räumlich getrennten Foki zur Ausleuchtung identischer Gebiete, Antennensystem und Verfahren zur Oberflächenenermittlung

Title (fr)

Réflecteur à surface déformable et à foyers spatialement séparés pour l'illumination de territoires identiques, système d'antenne et méthode pour la détermination de la surface

Publication

**EP 1085598 A3 20020731 (DE)**

Application

**EP 00118245 A 20000904**

Priority

DE 19945062 A 19990920

Abstract (en)

[origin: EP1085598A2] The surface of the reflector (1) comprises a local shaping formed in such way, that the reflector comprises at least one group spatially of separate focus points (10a, 10b, 110a, 110b), whereby electromagnetic beam bundles (5a, 5b, 50a, 50b) are directed through the reflector, outgoing from the group of focus points to a common area (3, 3a, 3b). An Independent claim is provided for an antenna system using the reflector, and a method for determining the surface shaping of the reflector.

IPC 1-7

**H01Q 15/14**; **H01Q 15/00**; **H01Q 19/17**; **H01Q 19/195**; **H01Q 25/00**

IPC 8 full level

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CPC (source: EP US)

**H01Q 15/147** (2013.01 - EP US); **H01Q 19/17** (2013.01 - EP US); **H01Q 19/195** (2013.01 - EP US); **H01Q 25/007** (2013.01 - EP US)

Citation (search report)

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