

Title (en)
TELECOMMUNICATION ANTENNA REFLECTOR FOR HIGH-FREQUENCY APPLICATIONS IN A GEOSTATIONARY SPACE ENVIRONMENT

Title (de)
FUNKANTENNENREFLEKTOR FÜR HOCHFREQUENZANWENDUNG IN EINER GEOSTATIONÄREN RAUMUMGEBUNG

Title (fr)
RÉFLECTEUR D'ANTENNE DE TÉLÉCOMMUNICATION POUR APPLICATION À HAUTES FRÉQUENCES DANS UN ENVIRONNEMENT SPATIAL GÉOSTATIONNAIRE

Publication
EP 2685560 B1 20190821 (FR)

Application
EP 13176211 A 20130711

Priority
FR 1201995 A 20120713

Abstract (en)
[origin: EP2685560A1] The reflector has a reflective face for focusing electromagnetic radiation. A superposition of layers (C1-C6) comprises a fiber composite material. Each layer comprises angular sectors arranged around a center. Each sector is defined by a central angle and oriented in a radial direction that is a median of the central angle. The sector comprises the material comprising a set of fibers oriented in direction and another direction that is different from the former direction. The former direction forms an angle with the radial direction of the sector. The angular sectors comprise three concentric areas including a central area, a peripheral area and an intermediate area situated between the central area and the peripheral area, where the intermediate area forms a rim.

IPC 8 full level
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CPC (source: EP US)
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