

Title (en)

Absorption element for electromagnetic high-frequency waves

Title (de)

Absorptionselement für elektromagnetische Hochfrequenzstrahlung

Title (fr)

Élément d'absorption pour rayonnement électromagnétique à haute fréquence

Publication

EP 1860733 B1 20100414 (DE)

Application

EP 07010006 A 20070519

Priority

DE 202006008437 U 20060524

Abstract (en)

[origin: EP1860733A1] The unit has a reflection plate (40) with a curved reflection surface, which has a set of high-frequency radiation focusing sections for producing areas with increased field strength in front of the reflection plate. Dipole-antennas (50a-50b) are adjusted to the frequency of the radiation and arranged at a predetermined distance to the reflection plate, where the antennas comprise two monopoles for receiving the radiation energy and a resistor for converting the radiation energy to another energy form.

IPC 8 full level

H01Q 17/00 (2006.01)

CPC (source: EP)

H01Q 17/001 (2013.01); **H01Q 17/002** (2013.01); **H01Q 17/008** (2013.01)

Cited by

EP3089269A1; FR3035742A1; US9991603B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1860733 A1 20071128; EP 1860733 B1 20100414; AT E464675 T1 20100415; DE 202006008437 U1 20070927; DE 502007003440 D1 20100527

DOCDB simple family (application)

EP 07010006 A 20070519; AT 07010006 T 20070519; DE 202006008437 U 20060524; DE 502007003440 T 20070519