

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)

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DOCDB simple family (publication)

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