

Title (en)

Microwave semiconductor absorber with optical command.

Title (de)

Halbleitender Mikrowellenabsorber mit optischer Steuerung.

Title (fr)

Absorbeur hyperfréquence à semiconducteur et à commande optique.

Publication

**EP 0524878 A1 19930127 (FR)**

Application

**EP 92402113 A 19920722**

Priority

FR 9109425 A 19910725

Abstract (en)

The absorber comprises essentially, in front of a conducting screen (20), a layer of semiconducting material (22) suitably optically excited (30, 24, 26). Under optical excitation, the semiconductor exhibits a conductivity which makes it possible to act on the absorption. Application to microwaves. <IMAGE>

Abstract (fr)

L'absorbeur comprend essentiellement devant un écran conducteur (20) une couche de matériau semiconducteur (22) convenablement excitée optiquement (30, 24, 26). Le semiconducteur présente sous excitation optique une conductivité qui permet d'agir sur l'absorption. Application en hyperfréquence. <IMAGE>

IPC 1-7

**H01Q 3/26**; **H01Q 3/46**

IPC 8 full level

**H01Q 3/26** (2006.01); **H01Q 3/46** (2006.01)

CPC (source: EP)

**H01Q 3/2676** (2013.01); **H01Q 3/46** (2013.01)

Citation (search report)

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