

Title (en)  
Device for camouflaging antennas

Title (de)  
Vorrichtung zur Tarnung von Antennen

Title (fr)  
Dispositif de camouflage d'antennes

Publication  
**EP 0669674 B1 19990224 (DE)**

Application  
**EP 94119638 A 19941213**

Priority  
DE 4405996 A 19940224

Abstract (en)  
[origin: EP0669674A1] The cloaking device uses an electromagnetically non-reciprocal component, arranged in the path of the incident microwaves in front of the antenna. The non-reciprocal component has 2 polarisation layers offset relative to one another by 45 degrees. Pref. the non-reciprocal component is provided by a radome at a given spacing from the antenna, having a magneto-optical layer (4) enclosed by an annular magnet (5), with a polarisation layer on each side of the magneto-optical layer, exhibiting a high transparency for a given linear polarisation direction and a high absorption for the perpendicular polarisation direction.

IPC 1-7  
**H01Q 17/00**

IPC 8 full level  
**H01Q 15/00** (2006.01); **H01Q 15/14** (2006.01); **H01Q 15/22** (2006.01); **H01Q 17/00** (2006.01)

CPC (source: EP)  
**H01Q 15/0013** (2013.01); **H01Q 15/148** (2013.01); **H01Q 15/22** (2013.01); **H01Q 17/007** (2013.01)

Cited by  
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DE FR GB IT

DOCDB simple family (publication)  
**EP 0669674 A1 19950830; EP 0669674 B1 19990224**; DE 4405996 A1 19950831; DE 4405996 C2 19960111; DE 59407846 D1 19990401

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**EP 94119638 A 19941213**; DE 4405996 A 19940224; DE 59407846 T 19941213