

Title (en)

HYBRID MESH AND RF REFLECTOR EMBODYING THE MESH

Publication

**EP 0290124 A3 19900321 (EN)**

Application

**EP 88302473 A 19880322**

Priority

US 4680987 A 19870507

Abstract (en)

[origin: EP0290124A2] A hybrid microwave reflective mesh (28) and an antenna reflector having an RF reflecting surface composed of the mesh. The hybrid mesh includes a supporting mesh (34) of any conveniently fabricatable mesh size, which may be substantially larger than the RF wavelengths to be reflected, and a relatively fine, compliant, electrically conductive mesh fabric (36) overlying and secured to the supporting mesh and having a mesh gauge sized to reflect the desired RF wavelengths.

IPC 1-7

**H01Q 15/16**

IPC 8 full level

**H01Q 15/14** (2006.01); **H01Q 15/16** (2006.01); **H01Q 15/20** (2006.01)

CPC (source: EP)

**H01Q 15/161** (2013.01)

Citation (search report)

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- [A] US 4609923 A 19860902 - BOAN BOBBY J [US], et al
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- [X] MICROWAVES, March 1974, page 14; S.V. BEARSE: "Knitted antenna solving knotty problems"
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- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 309 (E-447)[2365], 21st October 1986; & JP-A-61 123 205 (NIPPON TELEGR. & TELEPH. CORP.<NTT>) 11-06-1986

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0290124 A2 19881109; EP 0290124 A3 19900321**; JP H0728174 B2 19950329; JP S6439103 A 19890209

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**EP 88302473 A 19880322**; JP 11031188 A 19880506