

Title (en)
ANTENNA

Publication
EP 0109186 B1 19880107 (EN)

Application
EP 83306201 A 19831013

Priority
JP 17973582 A 19821015

Abstract (en)
[origin: EP0109186A1] An antenna (1) including a reflector (2) having a paraboloidal front surface (8) and a primary radiator (3). The reflector (2) of the antenna comprises a reflecting layer (9) having the paraboloidal front surface and the backing layer (10) attached to the rear surface of the reflecting layer (9). The reflecting layer is made of a resin in which short carbon fibers (7) are randomly dispersed with the axis of each fiber substantially parallel to the paraboloidal front surface. The antenna thus constructed has nearly isotropic electro-conductivity and excels in durability.

IPC 1-7
H01Q 15/16

IPC 8 full level
H01Q 1/36 (2006.01); **H01Q 15/14** (2006.01); **H01Q 15/16** (2006.01); **H01Q 19/12** (2006.01)

CPC (source: EP KR)
H01Q 1/24 (2013.01 - KR); **H01Q 1/368** (2013.01 - EP); **H01Q 3/00** (2013.01 - KR); **H01Q 15/142** (2013.01 - EP); **H01Q 15/16** (2013.01 - EP)

Citation (examination)
US 4169911 A 19791002 - KITAMURA ATSUSHI [JP], et al

Cited by
FR2741200A1; DE4018452A1; FR2597663A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0109186 A1 19840523; **EP 0109186 B1 19880107**; CA 1202414 A 19860325; DE 3375259 D1 19880211; JP H0380362 B2 19911224; JP S5970005 A 19840420; KR 840006576 A 19841130; KR 910008947 B1 19911026

DOCDB simple family (application)
EP 83306201 A 19831013; CA 439011 A 19831014; DE 3375259 T 19831013; JP 17973582 A 19821015; KR 830004855 A 19831014