

Title (en)

Antenna with shaped lobe and high gain

Title (de)

Antenne mit geformter Strahlungskeule und hohem Gewinn

Title (fr)

Antenne à lobe formé et grand gain

Publication

EP 0512487 B1 19960724 (FR)

Application

EP 92107598 A 19920506

Priority

FR 9105510 A 19910506

Abstract (en)

[origin: EP0512487A1] The invention comprises a shaped array on a surface of revolution of arbitrary profile, which comprises several generatrices (12) of radiating elements (13), lying in a plane passing through the axis of revolution (DELTA); all the radiating elements of a given generatrix are linked to a single control point. Application in particular to the field of space transmissions. <IMAGE>

IPC 1-7

H01Q 21/20; **H01Q 3/26**

IPC 8 full level

H01Q 1/28 (2006.01); **H01Q 3/26** (2006.01); **H01Q 3/36** (2006.01); **H01Q 21/20** (2006.01)

CPC (source: EP)

H01Q 3/26 (2013.01); **H01Q 21/205** (2013.01)

Cited by

EP4293823A1; FR2788171A1; US5905466A; US5650788A; EP0598656A1; FR2698212A1; US5434581A; EP2894712A1; CN111916912A; FR3136601A1; US9843105B2; US9620866B2; US6608595B1; US9728855B2; WO0041265A1; WO2014099079A1; WO0019563A1; EP2654121A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

EP 0512487 A1 19921111; **EP 0512487 B1 19960724**; CA 2067932 A1 19921107; DE 69212378 D1 19960829; DE 69212378 T2 19961128; FR 2676310 A1 19921113; FR 2676310 B1 19931105; JP H05129822 A 19930525

DOCDB simple family (application)

EP 92107598 A 19920506; CA 2067932 A 19920504; DE 69212378 T 19920506; FR 9105510 A 19910506; JP 11376992 A 19920506