

Title (en)

Microstrip antenna.

Title (de)

Mikrostreifenleiterantenne.

Title (fr)

Antenne à microbande.

Publication

EP 0434268 B1 19950215 (EN)

Application

EP 90313290 A 19901207

Priority

GB 8928589 A 19891219

Abstract (en)

[origin: EP0434268A2] The invention relates to a microstrip antenna (2) for radiating or receiving circularly polarised radiation. The antenna (2) includes an array of radiation elements (4), a first feed means (12) coupled to the elements (4) in a manner for effecting circular polarisation in a first sense of signals afforded to the elements (4), and further feed means (14) arranged in a non-overlapping relationship with respect to the first feed means (12) and coupled to the elements (4) in a manner for effecting circular polarisation in the opposite sense of signals afforded to the elements (4). <IMAGE>

IPC 1-7

H01Q 9/04; **H01Q 21/00**; **H01Q 21/06**

IPC 8 full level

H01Q 9/04 (2006.01); **H01Q 21/00** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP)

H01Q 9/0435 (2013.01); **H01Q 21/0075** (2013.01); **H01Q 21/065** (2013.01)

Citation (examination)

- GB 2189080 A 19871014 - THORN EMI ELECTRONICS LTD
- Electronics Letters, vol. 21, no. 10, 9th May 1985, Enage/GB, pages 437-438; M.Haneishi and H.Takazawa: "Broadband circularly polarised planar array composed of a pair of dielectric resonator antennas"

Cited by

CN104283003A; CN110034398A; US2022123464A1; CN104282997A; US6147648A; US5287116A; EP1650830A1; US11831088B1; EP0788186A1; US5914688A; AU2009212093B2; US8830133B2; US7420512B2; WO2009097647A1; WO9738465A1; WO2007016526A1; WO2022161873A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0434268 A2 19910626; **EP 0434268 A3 19910821**; **EP 0434268 B1 19950215**; AT E118655 T1 19950315; DE 69016972 D1 19950323; GB 8928589 D0 19900221

DOCDB simple family (application)

EP 90313290 A 19901207; AT 90313290 T 19901207; DE 69016972 T 19901207; GB 8928589 A 19891219