

Title (en)
Antenna construction

Title (de)
Antennenkonstruktion

Title (fr)
Structure d'antenne

Publication
EP 0818847 A3 19981202 (DE)

Application
EP 97810427 A 19970702

Priority
CH 173196 A 19960710

Abstract (en)
[origin: EP0818847A2] The antenna has a metal surface (1) and a resonator element (5) in the form of an L-shaped plate mounted at a distance from the plate. A short end (5.1) of the resonator is at a first defined distance (A1) from an extension of the metal surface, and a long end (5.2) is at a second defined distance (A2) perpendicularly from the metal surface. The first defined distance is greater than the second defined distance. The gap (A2) between the long end of the resonator and inside of the metal surface may be varied.

IPC 1-7
H01Q 9/42; **H01Q 1/24**

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 9/42** (2006.01)

CPC (source: EP)
H01Q 1/24 (2013.01); **H01Q 1/243** (2013.01); **H01Q 9/42** (2013.01)

Citation (search report)
• [A] WO 9102386 A1 19910221 - SIEMENS AG OESTERREICH [AT], et al
• [A] GB 2240219 A 19910724 - NEC CORP [JP]
• [A] WO 9524746 A1 19950914 - CETELCO AS [DK], et al
• [PA] GB 2301485 A 19961204 - MITSUBISHI ELECTRIC CORP [JP]
• [X] PATENT ABSTRACTS OF JAPAN vol. 9, no. 178 (E - 330) 23 July 1985 (1985-07-23)
• [X] PATENT ABSTRACTS OF JAPAN vol. 7, no. 208 (E - 198) 14 September 1983 (1983-09-14)

Cited by
EP1657785A4; CN101258641A; JP2004128605A; EP1137097A1; WO2006070233A1; US7884769B2; US6184833B1; WO9943045A1; WO2006129239A1

Designated contracting state (EPC)
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