

Title (en)

ANTENNA WITH AN ELECTRICALLY SHORTENED LINEAR RADIATOR

Publication

**EP 0124758 B1 19870715 (DE)**

Application

**EP 84103590 A 19840331**

Priority

DE 3312638 A 19830408

Abstract (en)

[origin: EP0124758A1] 1. An antenna the slim linear radiators of which are electrically shortened by at least one impedance element which is effective at a predetermined location in longitudinal direction, characterised in that said impedance element is constituted by a ferrite ring (3 to 6) mounted on the linear radiator (1, 2), said ferrite ring being made of a material which has its maximum variation of the imaginary component ( $\mu''$ ) of its complex permeability at the operating frequency range of the antenna.

IPC 1-7

**H01Q 9/16**

IPC 8 full level

**H01Q 9/16** (2006.01)

CPC (source: EP)

**H01Q 9/16** (2013.01)

Cited by

EP1376759A3; US7852283B2; US8779996B2; WO2006078172A1; WO2011011478A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

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