

Title (en)

MICROWAVE RADIATOR AND ITS USE IN AN ELECTRONICALLY SCANNED ANTENNA

Publication

**EP 0082751 B1 19880127 (FR)**

Application

**EP 82402238 A 19821207**

Priority

FR 8123735 A 19811218

Abstract (en)

[origin: US4573056A] An electromagnetic wave radiator is provided formed by a radiating element and its supply device, both formed from a dielectric plate with median longitudinal axis, metalized on one face along two parallel strips of total width d2, wherein the supply device is formed by a slot-line placed inside a metal parallelepipedic case. The radiating element may be of the dipole type. Such a wave radiator may be used as an elementary source for an electronic sweep network antenna.

IPC 1-7

**H01Q 9/16**; **H01Q 1/38**; **H01Q 3/36**

IPC 8 full level

**H01P 5/08** (2006.01); **H01Q 1/38** (2006.01); **H01Q 9/16** (2006.01); **H01Q 13/00** (2006.01); **H01Q 13/08** (2006.01)

CPC (source: EP US)

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EP0301216A3; EP0154858A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0082751 A1 19830629**; **EP 0082751 B1 19880127**; CA 1211208 A 19860909; DE 3278061 D1 19880303; DK 558082 A 19830619; FR 2518827 A1 19830624; FR 2518827 B1 19850517; JP S58111412 A 19830702; US 4573056 A 19860225

DOCDB simple family (application)

**EP 82402238 A 19821207**; CA 417948 A 19821216; DE 3278061 T 19821207; DK 558082 A 19821216; FR 8123735 A 19811218; JP 22112982 A 19821218; US 44847382 A 19821210