

Title (en)

A device for generating and/or detecting electromagnetic fields.

Title (de)

Vorrichtung zur Erzeugung und/oder Detektierung elektromagnetischer Felder.

Title (fr)

Appareil pour la génération et/ou la détection de champs électromagnétiques.

Publication

**EP 0371480 B1 19940720 (EN)**

Application

**EP 89122005 A 19891129**

Priority

IT 6806588 A 19881130

Abstract (en)

[origin: EP0371480A2] The device comprises a source (1) of electrically charged elementary particles, emitting a beam (2) of particles which is split into two partial beams (4, 5) sent onto different paths. A difference in velocity and hence in wavelength is generated between the two partial beams. The two partial beams are recombined into a single beam (14) and their beat is detected as an electrical signal. The velocity difference can be generated by a voltage generator (6b) or by the output voltage of an antenna.

IPC 1-7

**H01J 25/48**

IPC 8 full level

**H01J 47/00** (2006.01)

CPC (source: EP)

**H01J 47/00** (2013.01)

Citation (examination)

J. MORCILLO RUBIO & J. M. ORZA SEGADE: "Espectroscopia", 1972, Ed. Alhambra, Madrid

Designated contracting state (EPC)

DE FR GB NL SE

DOCDB simple family (publication)

**EP 0371480 A2 19900606; EP 0371480 A3 19910417; EP 0371480 B1 19940720**; DE 371480 T1 19910905; DE 68916916 D1 19940825; IT 1223950 B 19900929; IT 8868065 A0 19881130

DOCDB simple family (application)

**EP 89122005 A 19891129**; DE 68916916 T 19891129; DE 89122005 T 19891129; IT 6806588 A 19881130