

Title (en)

RESISTIVE-LOAD HYPERFREQUENCY PASSIVE COMPONENT

Title (de)

PASSIVES MIKROWELLEN-BAUELEMENT MIT WIDERSTANDSBELASTUNG

Title (fr)

COMPOSANT PASSIF HYPERFREQUENCE A CHARGE RESISTIVE

Publication

**EP 1086507 B1 20030813 (FR)**

Application

**EP 99925061 A 19990609**

Priority

- FR 9901362 W 19990609
- FR 9807468 A 19980609

Abstract (en)

[origin: FR2779577A1] The present invention relates to a resistive-load hyperfrequency passive component (1) for power dissipation, comprising a support (2), a wiring area (3), a ground area (5) and a resistive layer (5) exhibiting a standard resistance between the wiring area (3) and the ground area (4). The invention is characterised in that it comprises fully integrated hyperfrequency adaptation capacitive and inductive elements outside the resistive layer (5) in order to achieve multiple adaptation by means of serial multiplication of the inductive elements and parallel multiplication of the capacitive elements.

IPC 1-7

**H01P 1/26**

IPC 8 full level

**H01P 1/26** (2006.01)

CPC (source: EP)

**H01P 1/26** (2013.01)

Citation (examination)

MATTHAEI G.L. ET AL: "Microwave Filters, Impedance matching networks, and coupling structures", 1980, ARTECH HOUSE, DEDHAM

Designated contracting state (EPC)

DE ES FI GB IT NL PT SE

DOCDB simple family (publication)

**FR 2779577 A1 19991210; FR 2779577 B1 20010105**; AU 4148199 A 19991230; DE 69910383 D1 20030918; EP 1086507 A1 20010328; EP 1086507 B1 20030813; WO 9965104 A1 19991216

DOCDB simple family (application)

**FR 9807468 A 19980609**; AU 4148199 A 19990609; DE 69910383 T 19990609; EP 99925061 A 19990609; FR 9901362 W 19990609