

Title (en)
Microwave component

Title (de)
Mikrowellen-Bauelement

Title (fr)
Composant pour micro-ondes

Publication
EP 0829916 A3 20000503 (DE)

Application
EP 97202691 A 19970902

Priority
DE 19636840 A 19960911

Abstract (en)
[origin: EP0829916A2] The microwave element has a pan shaped rectangular housing 1 with several coupled wall sections 3-7. Several internal gaps are provided for the associated conductors. A cover 8, fabricated from a magnetic material, is provided to enclose the housing. Contained within the housing there are several stacked discs, such as ferrite discs 9,11, an external conducting copper foil 12, and a first pole disc 13 of a magnetically conductive material. There is also a thermal flux ring 14, a second pole disc 15, a permanent magnet 16 and a spring disc 17.

IPC 1-7
H01P 1/387

IPC 8 full level
H01P 1/387 (2006.01)

CPC (source: EP US)
H01P 1/387 (2013.01 - EP US)

Citation (search report)
• [Y] US 5172080 A 19921215 - FISHER DAVID S [US], et al
• [Y] US 4749965 A 19880607 - PREVOT JULIEN [FR], et al
• [A] US 4390853 A 19830628 - MATHEW MONI G, et al

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
DE 19636840 A1 19980312; DE 59712740 D1 20061116; EP 0829916 A2 19980318; EP 0829916 A3 20000503; EP 0829916 B1 20061004; US 6005451 A 19991221

DOCDB simple family (application)
DE 19636840 A 19960911; DE 59712740 T 19970902; EP 97202691 A 19970902; US 92494097 A 19970908