

Title (en)
MICROWAVE WAVEGUIDE SECTION

Publication
EP 0169472 A3 19880413 (DE)

Application
EP 85108839 A 19850715

Priority
DE 3427283 A 19840724

Abstract (en)
[origin: US4646040A] A hollow waveguide element for waveguide systems for microwaves has a wall consisting at least partially of a sintered material to permit gas exchange between the interior and outer surroundings of the waveguide element. With highly loaded gas-filled waveguides this makes it possible to easily carry away discharge products caused by arcing in the interior of the waveguide.

IPC 1-7
H01P 1/00

IPC 8 full level
H01P 1/00 (2006.01); **H01P 1/30** (2006.01); **H01P 3/12** (2006.01); **H05H 1/18** (2006.01); **H05H 7/00** (2006.01)

CPC (source: EP US)
H01P 1/00 (2013.01 - EP US)

Citation (search report)

- [X] US 2783440 A 19570226 - LOVICK JR EDWARD
- [A] US 4323867 A 19820406 - TEMES CLIFFORD L
- [A] GB 1259098 A 19720105
- [A] US 3906412 A 19750916 - MEYERHOFF ROBERT W

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GB2214720A; GB2214720B

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0169472 A2 19860129; EP 0169472 A3 19880413; DE 3427283 A1 19860130; JP H022323 B2 19900117; JP S6141201 A 19860227; US 4646040 A 19870224

DOCDB simple family (application)
EP 85108839 A 19850715; DE 3427283 A 19840724; JP 16135085 A 19850723; US 75088585 A 19850701