

Title (en)

Device for microwave transmission.

Title (de)

Vorrichtung zur Mikrowellenübertragung.

Title (fr)

Dispositif pour la transmission des micro-ondes.

Publication

EP 0359336 B1 19951206 (DE)

Application

EP 89202301 A 19890913

Priority

DE 3831453 A 19880916

Abstract (en)

[origin: EP0359336A2] Microwave transmission between hollow conductor regions (a, b) of different internal gas pressure and/or different fill-gas composition, i.e. the coupling in or out of microwaves from one such hollow conductor region into another, is improved when at least one pump stage (6, 7, 8, 9) is arranged between the hollow conductor regions. The hollow conductor (1) is preferably connected to the pump stages via slots (2, 3, 4, 5) which virtually do not couple out the microwave power. <IMAGE>

IPC 1-7

H01P 1/30; **H01P 1/00**

IPC 8 full level

G01N 22/00 (2006.01); **B29C 71/04** (2006.01); **C08J 7/00** (2006.01); **H01L 21/205** (2006.01); **H01L 21/302** (2006.01); **H01P 1/00** (2006.01); **H01P 1/08** (2006.01); **H01P 1/30** (2006.01)

CPC (source: EP US)

H01P 1/00 (2013.01 - EP US); **H01P 1/30** (2013.01 - EP US)

Cited by

EP1087458A3; DE102011111884B3; WO2013029593A2

Designated contracting state (EPC)

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EP 0359336 A2 19900321; **EP 0359336 A3 19910327**; **EP 0359336 B1 19951206**; DE 3831453 A1 19900322; DE 58909526 D1 19960118; JP H02147847 A 19900606; US 5028897 A 19910702

DOCDB simple family (application)

EP 89202301 A 19890913; DE 3831453 A 19880916; DE 58909526 T 19890913; JP 23741689 A 19890914; US 40751889 A 19890915