

Title (en)
HOLLOW-CONDUCTOR INJECTION AND TRANSMISSION APPARATUS

Title (de)
HOHLLEITER-EINKOPPLUNGS- UND ÜBERTRAGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'INJECTION ET DE TRANSMISSION À GUIDE D'ONDES

Publication
EP 1961070 B1 20110330 (DE)

Application
EP 05818516 A 20051212

Priority
EP 2005013308 W 20051212

Abstract (en)
[origin: WO2007068261A1] The invention relates to a hollow-conductor injection and transmission apparatus (1) for electromagnetic waves, in particular microwaves, comprising an injection cavity (3) provided with an antenna inlet opening (4), a circulator (6), a load-accommodating device (14, 15, 16, 17, 17a, 17b, 18, 18a, 18b), an output opening (11), a first transmission channel (5) between the injection cavity (3) and the circulator (6), a second transmission channel (10) between the circulator (6) and the output opening (11), and a third transmission channel (13) between the circulator (6) and the load-accommodating device (14, 15, 16, 17, 17a, 17b, 18, 18a, 18b). The invention is characterized by the fact that the load-accommodating device (14, 15, 16, 17, 17a, 17b, 18, 18a, 18b) has at least two load-accommodating apparatuses (17, 18).

IPC 8 full level
H01P 1/39 (2006.01)

CPC (source: EP)
H01P 1/39 (2013.01)

Citation (examination)
JP H0255403 A 19900223 - MURATA MANUFACTURING CO

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007068261 A1 20070621; AT E504101 T1 20110415; DE 502005011202 D1 20110512; EP 1961070 A1 20080827; EP 1961070 B1 20110330

DOCDB simple family (application)
EP 2005013308 W 20051212; AT 05818516 T 20051212; DE 502005011202 T 20051212; EP 05818516 A 20051212