

Title (en)
FILTER WITH A MAIN WAVEGUIDE LOADED WITH LATERAL WAVEGUIDES

Publication
EP 0164050 B1 19890322 (FR)

Application
EP 85106515 A 19850528

Priority
FR 8408496 A 19840530

Abstract (en)
[origin: US4578657A] Filter comprising a rectangular waveguide extended at both ends by rectangular guide-to-rectangular guide couplers and provided with lateral secondary guides. In order to enable the use of cylindrical secondary guides without introducing unwanted resonances, said couplers are given, at their ends, rectangular internal cross sections both the height and width whereof are smaller at the end coupled to the primary guide than at the end remote from the primary guide.

IPC 1-7
H01P 1/212

IPC 8 full level
H01P 1/209 (2006.01); **H01P 1/212** (2006.01)

CPC (source: EP US)
H01P 1/212 (2013.01 - EP US)

Cited by
EP0921587A1; FR2771857A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0164050 A1 19851211; EP 0164050 B1 19890322; DE 3569068 D1 19890427; FR 2565416 A1 19851206; FR 2565416 B1 19870626; JP S612401 A 19860108; US 4578657 A 19860325

DOCDB simple family (application)
EP 85106515 A 19850528; DE 3569068 T 19850528; FR 8408496 A 19840530; JP 11518085 A 19850528; US 73958885 A 19850530