

Title (en)
Balanced coaxial filter

Title (de)
Koaxiales abgleichbares Filter

Title (fr)
Filtre coaxial équilibré

Publication
EP 1689019 A1 20060809 (DE)

Application
EP 06001134 A 20060119

Priority
DE 102005005088 A 20050203

Abstract (en)
The filter has an inner conductor (1) coupled to another inner conductor (2) on the same axis. A third inner conductor coupled to the inner conductors (1, 2) is axially displaceable with respect to the inner conductors. Series capacitances are formed between the inner conductors in a coaxial technique without any electrically conductive contacts. Engaging regions of the conductors are separated by an insulating sleeve.

IPC 8 full level
H01P 1/06 (2006.01); **H01P 1/202** (2006.01)

CPC (source: EP US)
H01P 1/202 (2013.01 - EP US)

Citation (search report)
• [X] DE 911627 C 19540517 - INT STANDARD ELECTRIC CORP
• [X] DE 1052485 B 19590312 - MARCONI WIRELESS TELEGRAPH CO
• [A] DE 19907413 C1 20000831 - FORSCHUNGSZENTRUM JUELICH GMBH [DE]
• [A] US 4616195 A 19861007 - WARD ROBERT D [US], et al

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)
EP 1689019 A1 20060809; CN 1815801 A 20060809; US 2006170522 A1 20060803; US 7348869 B2 20080325

DOCDB simple family (application)
EP 06001134 A 20060119; CN 200610003313 A 20060205; US 34659506 A 20060203