

Title (en)
A diplexer for a radio communication apparatus

Title (de)
Diplexer für eine Funkkommunikationsvorrichtung

Title (fr)
Diplexeur pour appareil de radiocommunication

Publication
EP 2003727 A1 20081217 (EN)

Application
EP 07290736 A 20070611

Priority
EP 07290736 A 20070611

Abstract (en)
It is disclosed a diplexer for a radio communication apparatus, comprising a first channel filter and a second channel filter, characterized in that said diplexer further comprises a waveguide, a first probe and a second probe, said first probe and said second probe being arranged in said waveguide, wherein said first channel filter is connected to said first probe, and said second channel filter is connected to said second probe.

IPC 8 full level
H01P 1/213 (2006.01)

CPC (source: EP)
H01P 1/2138 (2013.01)

Citation (applicant)
• WO 8803711 A1 19880519 - HUGHES AIRCRAFT CO [US]
• EP 1107345 A1 20010613 - BOEING CO [US]
• ROSENBERG ET AL.: "A Novel Channel Branching Network Approach for Contiguous (28 MHz spacing) and Co-channel operation in SDH Radios", PROCEEDINGS OF THE 7TH EUROPEAN CONFERENCE ON FIXED RADIO SYSTEMS AND NETWORKS (ECRR 2000), 12 September 2000 (2000-09-12), pages 227 - 232

Citation (search report)
• [X] WO 8803711 A1 19880519 - HUGHES AIRCRAFT CO [US]
• [X] EP 1107345 A1 20010613 - BOEING CO [US]
• [A] US 3876963 A 19750408 - GRAHAM GERALD
• [A] US 4890078 A 19891226 - RADCLIFFE CHRISTOPHER J [GB]
• [A] US 6404300 B2 20020611 - ISHIDA MASAOKI [JP]

Citation (examination)
US 5216432 A 19930601 - WEST LAURICE J [US]

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

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