

Title (en)
HIGH-FREQUENCY PHASE SHIFTER UNIT

Title (de)
HOCHFREQUENZ-PHASENSCHIEBERBAUGRUPPE

Title (fr)
ENSEMBLE DEPHASEUR A HAUTE FREQUENCE

Publication
EP 1208614 B1 20030924 (DE)

Application
EP 00958304 A 20000727

Priority
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• EP 0007236 W 20000727

Abstract (en)
[origin: US6850130B1] An improved radio-frequency phase shift assembly includes at least one further stripline section arranged concentrically with respect to a first stripline section. Further connection lines are provided, via which an electrical connection is produced at least indirectly from the feed line to the respective tapping section associated with a stripline section. Two different pairs of antenna radiating elements can be driven with different phase angles (Phi) at mutually offset tapping points on the at least two stripline sections. The plurality of connection lines are mechanically connected to one another.

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H01P 1/18

IPC 8 full level
H01P 1/18 (2006.01); **H01Q 3/26** (2006.01)

CPC (source: EP KR US)
H01P 1/18 (2013.01 - KR); **H01P 1/184** (2013.01 - EP US); **H01Q 3/32** (2013.01 - EP US); **H01Q 21/08** (2013.01 - EP US);
H01Q 19/108 (2013.01 - EP US)

Cited by
DE102007060083A1; DE102015003357A1; DE102009019557A1; DE102013012305A1; DE102015004658A1; DE102015006622B3;
DE102007047741B4; WO2012156543A1; EP3070782A1; US10297891B2; US9431703B1; EP3096393A1; DE102007047741A1;
WO2010124787A1; WO2015010760A1; US9160062B2; EP3082193A1; US9991594B2; US10056661B2; WO2009046886A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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WO 0113459 A1 20010222; AT E250808 T1 20031015; AU 6987400 A 20010313; AU 764242 B2 20030814; BR 0013376 A 20020507;
BR 0013376 B1 20150303; CA 2382258 A1 20010222; CA 2382258 C 20100504; CN 1214484 C 20050810; CN 1359548 A 20020717;
DE 19938862 C1 20010315; DE 50003848 D1 20031030; EP 1208614 A1 20020529; EP 1208614 B1 20030924; ES 2204679 T3 20040501;
ES 2204679 T4 20070601; HK 1047353 A1 20030214; HK 1047353 B 20060113; JP 2003507914 A 20030225; JP 4198355 B2 20081217;
KR 100480226 B1 20050406; KR 20020035574 A 20020511; NZ 516849 A 20030131; US 6850130 B1 20050201

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