

Title (en)
PHASE SHIFTER FOR ANTENNA

Title (de)
PHASENSCHIEBER FÜR ANTENNE

Title (fr)
DEPHASEUR POUR ANTENNE

Publication
EP 1522118 A1 20050413 (EN)

Application
EP 03738320 A 20030708

Priority
• GB 0302920 W 20030708
• GB 0216048 A 20020711

Abstract (en)
[origin: WO2004008568A1] A phase shifter for a radio antenna has a feed terminal (10, 12) and a plurality of antenna terminals (28-37, 500), each of said antenna terminals being connected, in use, to a respective one or more antenna elements. The feed terminal and antenna terminals are connected together by means of a plurality of transmission line (14, 16) comprising a plurality of conductive tracks connecting the feed terminal (10) to the antenna terminals, ground conductor means and a solid dielectric substrate sandwiched between the tracks and the ground conductor means. The shifter includes a variable delay means movable relative to the tracks so as to vary the relative times taken for the signals to travel along the tracks between the feed and the antenna terminals.

IPC 1-7
H01P 1/18; **H01Q 3/32**

IPC 8 full level
H01P 1/18 (2006.01); **H01Q 3/32** (2006.01)

CPC (source: EP)
H01P 1/184 (2013.01); **H01Q 3/32** (2013.01)

Citation (search report)
See references of WO 2004008568A1

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

DOCDB simple family (publication)
WO 2004008568 A1 20040122; AU 2003244844 A1 20040202; EP 1522118 A1 20050413; GB 0216048 D0 20020821

DOCDB simple family (application)
GB 0302920 W 20030708; AU 2003244844 A 20030708; EP 03738320 A 20030708; GB 0216048 A 20020711