

Title (en)
Microwave phase shifter.

Title (de)
Mikrowellenphasenschieber.

Title (fr)
Circuit déphaseur hyperfréquence.

Publication
EP 0335788 B1 19940720 (FR)

Application
EP 89400847 A 19890324

Priority
FR 8804388 A 19880401

Abstract (en)
[origin: EP0335788A1] The phase-shifter circuit is constructed with the aid of strip lines (16, 17 and 18) arranged in candlestick form on one face (14) of a substrate (10) and of a slotted line (12) which is disposed on the other face (13). The lengths of the branches (17 and 18) of the candlestick differ by $b/4$, b being the wavelength, and the ends (19, 20) of the said branches are short-circuited, or not, by PIN diodes (21, 22) which may be forward or reverse biased. The invention is applicable to radars. <IMAGE>

IPC 1-7
H01P 1/185; **H01P 5/10**; **H01P 5/20**

IPC 8 full level
H01P 1/185 (2006.01); **H01P 5/10** (2006.01); **H01P 5/20** (2006.01)

CPC (source: EP US)
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Cited by
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