

Title (en)  
DIODE PATCH PHASE SHIFTER

Publication  
**EP 0357955 B1 19930929 (EN)**

Application  
**EP 89114258 A 19890802**

Priority  
US 23110388 A 19880811

Abstract (en)  
[origin: EP0357955A1] A phased array waveguide antenna having a plurality of longitudinally extending parallel waveguides (11) arranged in rows and columns, and electrically controlled phase shifter strips (17) disposed in longitudinally extending slots (15) centrally located in respective columns of waveguides (11). The electrically controlled phase shifter strips (17) include conductive patches (25a, 25b) that are selectively conductively connected together by microwave diodes (27) to provide for variable susceptances (Figure 3).

IPC 1-7  
**H01P 1/185**

IPC 8 full level  
**H01P 1/185** (2006.01); **H01Q 3/38** (2006.01)

CPC (source: EP)  
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Cited by  
CN110690537A; WO03001625A1

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