

Title (en)  
Versatile array antenna

Title (de)  
Vielseitige Gruppenantenne

Title (fr)  
Antenne-réseau polyvalente

Publication  
**EP 0831550 B1 20040225 (FR)**

Application  
**EP 97402152 A 19970917**

Priority  
FR 9611439 A 19960919

Abstract (en)  
[origin: EP0831550A1] The antenna element consists of a microstrip section (SU) mounted at right angles to a support (PM), leaving a gap (PT) between the microstrip section and the edge of the support. The microstrip has a metallised outer section (M1,M2) with a central free area (E1,E2) forming a notch on each side. The notch starts from the free microstrip edge (BC). The notch has a wide section narrowing to a second narrower section. The notch dimensions provide a fixed phase centre in a narrow band of around 10% of desired centre frequency.

IPC 1-7  
**H01Q 13/08**; **H01Q 21/06**

IPC 8 full level  
**H01Q 13/08** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP)  
**H01Q 13/085** (2013.01); **H01Q 21/064** (2013.01)

Cited by  
JP2008510425A; AU2006318825B2; EP3528340A1; US7642979B2; US7683847B2; WO2007060477A3

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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
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