

Title (en)
Patch antenna having flexed ground plate

Title (de)
Streifenantenne mit gebogener Grundplatte

Title (fr)
Antenne à plaque avec plaque de terre courbé

Publication
EP 0989628 B1 20030806 (EN)

Application
EP 99118195 A 19990913

Priority
KR 19980037870 A 19980914

Abstract (en)
[origin: EP0989628A1] A patch antenna which shows a wide bandwidth and maintains a high radiation efficiency without increasing the size thereof. The patch antenna comprises a radiating plate (10), a ground plate (20), and means (30) for feeding the radiating plate (10). The ground plate (20) has a base plane(22) and at least one vertical lip (24) extended perpendicularly from the base plane (22) to have a "L"-shaped or "U"-shaped cross section. <IMAGE>

IPC 1-7
H01Q 9/04

IPC 8 full level
H01Q 13/08 (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP KR)
H01Q 9/0407 (2013.01 - EP); **H01Q 13/08** (2013.01 - KR)

Cited by
CN103545594A; GB2345197B; EP2157665A1; CN103794860A; US7180440B2; WO02063334A3; WO02063333A3; WO0192671A1; US6759987B2; US7548204B2

Designated contracting state (EPC)
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