

Title (en)
A microstrip antenna.

Title (de)
Mikrostreifenleiterantenne.

Title (fr)
Antenne à microruban.

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EP 0394960 A1 19901031 (EN)

Application
EP 90107766 A 19900424

Priority
JP 10458889 A 19890426

Abstract (en)
In a microstrip antenna having a radiation conductor (12) and a ground conductor (13) sandwiching a dielectric substrate (11), the spacing between said radiation conductor (12) and said ground conductor (13), or the thickness of the dielectric substrate (11), is larger at the peripheral portion of those conductors than at the central portion. Because of the large spacing at the peripheral portion, the impedance at the peripheral portion where electromagnetic wave is radiated is close to the free space impedance, and the operational frequency band becomes wider than that of a prior microstrip antenna.

IPC 1-7
H01Q 9/04

IPC 8 full level
H01Q 13/08 (2006.01); **H01Q 1/38** (2006.01); **H01Q 9/04** (2006.01)

CPC (source: EP)
H01Q 9/0407 (2013.01); **H01Q 9/0471** (2013.01)

Citation (search report)

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