

Title (en)

Plane slot antenna.

Title (de)

Ebene Schlitzantenne.

Title (fr)

Antenne plane à fente.

Publication

EP 0375416 A2 19900627 (EN)

Application

EP 89313427 A 19891221

Priority

JP 32550588 A 19881223

Abstract (en)

A plane slot antenna including a peripheral conducting surface (11), a central conducting surface (13) provided in the peripheral conducting surface with a space (21) in between, and a plurality of coaxial lines (20, 30). The cores (21, 31) of the coaxial lines are connected to the central conducting surface at different points thereof and outer skins (22, 32) of the coaxial lines are connected to the peripheral conducting surface. The antenna further includes a switch (40) provided between the coaxial lines and a signal receiver so that the switch changes a connection between one of the coaxial lines and the signal receiver so that the antenna receives signal of best possible strength and phase.

IPC 1-7

H01Q 1/32; **H01Q 9/04**

IPC 8 full level

H01Q 1/32 (2006.01); **H01Q 9/04** (2006.01); **H01Q 13/16** (2006.01)

CPC (source: EP)

H01Q 1/3275 (2013.01); **H01Q 9/0464** (2013.01); **H01Q 13/16** (2013.01)

Cited by

US5355144A; GB2352334A; GB2352334B; US6498588B1; WO9966587A1

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EP 0375416 A2 19900627; **EP 0375416 A3 19901114**; **EP 0375416 B1 19950712**; DE 68923440 D1 19950817; DE 68923440 T2 19951207; ES 2076969 T3 19951116; JP H02170702 A 19900702

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