Title (en)

Microstrip antenna with parasitic elements.

Title (de)

Mikrostreifenleitungsantenne mit parasitären Elementen.

Title (fr)

Antenne à structure microruban avec des éléments parasites.

Publication

EP 0391634 A1 19901010 (EN)

Application

EP 90303494 A 19900402

Priority

US 33214589 A 19890403

Abstract (en)

A microstrip antenna (100) has a patch radiator (30) and parasitic elements (32, 34, 36) and is flush-mounted and conforming to the side of a guided missile. The antenna (100) produces an antenna beam which is tilted in a required direction, so that the antenna serves as a link or fuse antenna, by the presence of the elements (32, 34, 36) which direct the beam away from the antenna normal to the desired direction. The parasitic elements include a reflector (32) and one or more directors (34, 36).

IPC 1-7

H01Q 1/28; H01Q 9/04; H01Q 19/30

IPC 8 full level

H01Q 1/28 (2006.01); **H01Q 19/00** (2006.01); **H01Q 19/30** (2006.01)

CPC (source: EP)

H01Q 1/285 (2013.01); **H01Q 19/005** (2013.01); **H01Q 19/30** (2013.01)

Citation (search report)

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