

Title (en)
Electromagnetically coupled microstrip antenna

Title (de)
Elektromagnetisch gekoppelte Mikrostreifenleiterantenne

Title (fr)
Antenne microruban à couplage électromagnétique

Publication
EP 0957535 B1 20051228 (EN)

Application
EP 98108927 A 19980515

Priority
EP 98108927 A 19980515

Abstract (en)
[origin: EP0957535A1] For increased bandwidth an electromagnetically coupled microstrip antenna device comprises a first substrate 1; an antenna element 2 provided on a first surface 1a of the first substrate 1; a second substrate 2; and a feeding element 4 provided between a second surface 1b of the first substrate 1 and a first surface 3a of the second substrate 3; wherein an end portion 4a of the feeding element 4 is positioned within a range of -0,3L and +0,3L from an edge portion 2a of the antenna element 2, wherein L is the extension of the antenna element 2 in the of overlap between the antenna element 2 and the feeding element 4. <IMAGE>

IPC 1-7
H01Q 9/04; **H01Q 1/24**; **H01Q 21/24**

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 9/04** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP)
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Cited by
FR2828015A1; ITRM20100511A1; NO20170411A1; JPWO2018198349A1; NO345389B1; US10283866B2; US11018428B2; WO2016029631A1

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