

Title (en)  
MINIATURE ANTENNA PROVIDING GAIN

Publication  
**EP 0193426 B1 19900328 (FR)**

Application  
**EP 86400149 A 19860124**

Priority  
FR 8501262 A 19850128

Abstract (en)  
[origin: ES8705996A1] An antenna is adapted to be connected to a coaxial cable having a central conductor and a conductive sheath. The antenna is adapted for operation at a wavelength  $\lambda$  and comprises two loops disposed in substantially parallel planes the distance between which is  $\lambda/8 \pm 20\%$ . At least one connecting element connects the loops, having a length substantially equal to the distance between them. Each loop is adapted to be connected to a respective conductor of the coaxial cable and is either closed with an approximate length of  $3\lambda/8$  or open with a length of  $\lambda/4$ .

IPC 1-7  
**H01Q 9/26; H01Q 9/42**

IPC 8 full level  
**H01Q 7/00** (2006.01); **H01Q 9/26** (2006.01); **H01Q 9/42** (2006.01); **H01Q 21/00** (2006.01)

CPC (source: EP US)  
**H01Q 9/26** (2013.01 - EP US); **H01Q 9/42** (2013.01 - EP US)

Cited by  
EP0604304A1; FR2699739A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0193426 A1 19860903; EP 0193426 B1 19900328**; AT E51470 T1 19900415; AU 5283286 A 19860731; AU 585576 B2 19890622; CA 1253960 A 19890509; DE 193426 T1 19870115; DE 3669957 D1 19900503; ES 551269 A0 19870516; ES 8705996 A1 19870516; FR 2576715 A1 19860801; FR 2576715 B1 19870327; JP S61222305 A 19861002; US 4701764 A 19871020

DOCDB simple family (application)  
**EP 86400149 A 19860124**; AT 86400149 T 19860124; AU 5283286 A 19860128; CA 500414 A 19860127; DE 3669957 T 19860124; DE 86400149 T 19860124; ES 551269 A 19860127; FR 8501262 A 19850128; JP 1394486 A 19860127; US 82178786 A 19860123