

Title (en)  
PIFA-antenna with additional inductance

Title (de)  
PIFA-Antenne mit Zusatzinduktivität

Title (fr)  
Antenne PIFA avec inductance additionnelle

Publication  
**EP 1406345 B1 20060426 (DE)**

Application  
**EP 02016026 A 20020718**

Priority  
EP 02016026 A 20020718

Abstract (en)  
[origin: EP1406345A1] The PIFA antenna has an earth point (G1, G2) and a high frequency feed point (S1) and an inductance (Lp) between the earth point and the high frequency feed point for changing a resonant frequency of the PIFA antenna. An electrical connection between the inductance and the high frequency feed point is designed to allow the inductance to be decoupled from the antenna. AN Independent claim is also included for the following: (a) a method of changing over an inventive device between standard mobile frequency ranges.

IPC 8 full level  
**H01Q 9/04** (2006.01); **H01P 1/15** (2006.01); **H01Q 1/24** (2006.01); **H01Q 5/00** (2006.01); **H01Q 5/335** (2015.01); **H01Q 5/371** (2015.01); **H01Q 5/378** (2015.01); **H04B 1/04** (2006.01)

CPC (source: EP)  
**H01Q 1/243** (2013.01); **H01Q 5/335** (2015.01); **H01Q 5/371** (2015.01); **H01Q 5/378** (2015.01); **H01Q 9/0421** (2013.01); **H01Q 9/0442** (2013.01)

Cited by  
EP1592084A1; US9761951B2; US7903035B2; US9973228B2; US9906260B2; US9979078B2; WO2007040639A1; US9722308B2; US10211538B2; US7324054B2; US9917346B2; US9673507B2; US10069209B2; US9634383B2; US9948002B2; US10079428B2; US9647338B2; US9680212B2

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DOCDB simple family (publication)  
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**EP 02016026 A 20020718**; AT 02016026 T 20020718; DE 50206584 T 20020718; DK 02016026 T 20020718