

Title (en)

Wideband tunable monolithic inductor.

Title (de)

Durchstimmbarer monolithischer Breitbandinduktor.

Title (fr)

Inductance monolithique accordable à large bande.

Publication

EP 0443173 A1 19910828 (EN)

Application

EP 90124733 A 19901219

Priority

US 45676389 A 19891226

Abstract (en)

A wideband tunable monolithic inductor has a conical construction that presents very low parasitic capacitances. The frequency response of the inductor is determined by the diameter of the smallest coil at the tip for high frequency cutoff and by the total inductance for low frequency cutoff.
<IMAGE>

IPC 1-7

H01F 17/04; **H01F 21/06**

IPC 8 full level

H01F 27/06 (2006.01); **H01F 17/04** (2006.01); **H01F 19/06** (2006.01); **H01F 21/06** (2006.01)

CPC (source: EP)

H01F 17/045 (2013.01); **H01F 21/065** (2013.01); **H01F 2005/006** (2013.01)

Citation (search report)

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- [A] US 2442776 A 19480608 - NEWKIRK THOMAS A
- [A] GB 839901 A 19600629 - AUTOMATIC TELEPHONE & ELECT
- [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 263 (E-435)(2319) 09 September 1986, & JP-A-61 89610 (MATSUSHITA ELECTRIC IND.) 07 May 1986,

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EP1333454A1; US7518463B2; CN118366772A; WO2013017366A3; US9640970B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0443173 A1 19910828; **EP 0443173 B1 19940518**; DE 69009040 D1 19940623; DE 69009040 T2 19941222; HK 89894 A 19940909; JP H04137507 A 19920512

DOCDB simple family (application)

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