

Title (en)

Resonant circuit coil for a magnetic field controlled oscillator.

Title (de)

Schwingkreisspule für einen magnetfeldgesteuerten Oszillator.

Title (fr)

Bobine de circuit résonnant pour un oscillateur commandé par un champ magnétique.

Publication

EP 0503370 B1 19951025 (DE)

Application

EP 92103243 A 19920226

Priority

DE 9102779 U 19910308

Abstract (en)

[origin: EP0503370A1] A resonant circuit coil is proposed which makes large-scale miniaturisation possible, can be produced without problems and offers the preconditions for simple installation, for example on printed-circuit boards. In detail, side walls (16, 17) having pegs (20, 21), and a winding mandrel (18) located between the side walls (16, 17), are constructed on the coil former (15). The coil core (27) is formed by a strip of amorphous ferromagnetic metal which is mounted in the base (28) of a groove (26) which is constructed on the coil former (15). Contact pins (24, 25) are used together with the pegs (20, 21) for mounting the resonant circuit coil (7) on a printed-circuit board and for making contact between the winding (31) and the conductor tracks of this printed-circuit board.

IPC 1-7

H01F 17/04

IPC 8 full level

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CPC (source: EP)

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