

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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Cited by

DE19547091B4; DE10249919A1; DE19538757C1; US6150811A

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**DE 9102779 U1 19910529**; DE 59204087 D1 19951130; EP 0503370 A1 19920916; EP 0503370 B1 19951025; ES 2085507 T3 19960601; JP H04127614 U 19921120; JP H0739205 Y2 19950906

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