

Title (en)

Coil, manufacturing method for said coil and imagery device having such a coil.

Title (de)

Spule, Herstellungsverfahren dieser Spule und Bildvorrichtung mit einer solchen Spule.

Title (fr)

Bobine, procédé de réalisation de ladite bobine et dispositif d'imagerie comportant une telle bobine.

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Application

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Abstract (en)

The main subject of the invention is a coil, a method of manufacturing the said coil and an imaging device comprising such a coil. <??>The invention relates to a coil (2) comprising a support plate (3) of substantially constant thickness and patterns (12, 13) deposited on this support. The patterns (12, 13) are deposited in such a way that the absorption, within a desired pass band, of electromagnetic energy is constant throughout the surface of the coil. <??>In a first illustrative embodiment, the patterns are transparent to the electromagnetic energy of a desired frequency band. <??>In a second illustrative embodiment, complementary patterns are used so as to obtain a constant absorption throughout the surface of the coil (2). <??>The invention applies to the manufacture of two-dimensional electrical coils, such as for example flat coils or spherical dome-shaped coils. Such coils find their applications in compensating the effect of magnetic fields on charged particle beams. In particular they find their application in imaging devices using electron beams. <IMAGE>

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- [A] PATENT ABSTRACTS OF JAPAN vol. 6, no. 182 (E-131)(1060) 18 septembre 1982, & JP-A-57 95609 (KANGIYOU DENKI KIKI K.K.) 16 juin 1982,

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