

Title (en)

COIL ARRANGEMENT AND STATIC MEASURING DEVICE

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Application

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Priority

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Abstract (en)

[origin: EP0500367A2] The invention relates to an inductive coil arrangement (18) for measuring the physical characteristics of a token (26). The coil arrangement (18) comprises a plurality of inductors (12, 14, 16), each inductor being formed out of at least two superposed planar spiral tracks (28, 46, 52, 58, 61, 61A, 62, 70) separated by an insulating layer (72A, 74A, 76A, 78A, 80A, 82A, 84A, 86A) of a multi-layer electrical device (72, 74, 76, 78, 80, 82, 84, 86), such as a plurality of printed circuit boards which are laminated together. Conductive paths (92) extend axially between the tracks. The invention extends to a method of manufacturing the inductive coil arrangement, as well as a token validation device (10) incorporating the inductive coil arrangement. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 4441602 A 19840410 - OSTROSKI JOSEPH [US], et al
- [Y] US 4742903 A 19880510 - TRUMMER BERNHARD [CH]
- [A] WO 8600410 A1 19860116 - DIGITAL PRODUCTS CORP [US]

Cited by

GB2321787A; US5411126A; EP1443472A1; US6892873B2; US6536578B1; WO2009138089A1; WO9944012A1

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