

Title (en)
MINIATURE INDUCTION COIL AND METHOD OF MAKING THE SAME

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EP 0217219 B1 19910102 (FR)

Application
EP 86112759 A 19860916

Priority
FR 8513918 A 19850919

Abstract (en)
[origin: US4706058A] A miniature variable inductor comprises a coil soldered to a pair of connecting skids. These skids are clipped to two oppositely disposed lateral walls of an injection-moulded plastics cover in the shape of a hollow die. A solid part of the cover and a hollow space lie between these two walls. A central opening through these walls, the solid part of the cover and the hollow space defines a housing for a movable ferromagnetic core. There is a screwthread on at least part of this core. The coil is disposed in the aforementioned hollow space coaxially with the central opening, encapsulated in resin. The central opening has a threaded portion where it passes through the solid part of the cover. This threaded portion is complementary to the thread on the core.

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FR 2486704 A1 19820115 - CIT ALCATEL [FR]

Cited by
EP3076410A1; EP3438995A1; US10312592B2; US11128048B2

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