

Title (en)
ELECTRIC COIL

Publication
EP 0212609 B1 19890517 (DE)

Application
EP 86111402 A 19860818

Priority
DE 3530094 A 19850822

Abstract (en)
[origin: US4769625A] An electrical coil has a coil body with at least one end flange with wire guidance slots. Shell core halves are slipped onto the coil body and have guidance slots. A terminal carrier is provided for printed circuit boards having solder connections and onto which the coil is placed. Ends of a winding on the coil body are soldered to the solder terminals. The end flange of the coil body is fashioned as an end plate which carries solder terminals and has passages for the sidewalls and for a center bleb or projection of the one shell core half. The terminal carrier is replaced by an adapter plate that can be plugged onto the end plate. This adapter plate has solder terminals arranged in a prescribed grid dimension on its printed circuit board side, the ends of these solder terminals which face away therefrom being soldered to the solder terminals of the end plate.

IPC 1-7
H01F 5/04; **H01F 15/10**; **H01F 17/04**

IPC 8 full level
H01F 5/04 (2006.01); **H01F 17/04** (2006.01); **H01F 27/29** (2006.01)

CPC (source: EP US)
H01F 5/04 (2013.01 - EP US); **H01F 17/043** (2013.01 - EP US); **H01F 27/29** (2013.01 - EP US); **H01F 2005/046** (2013.01 - EP US)

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