

Title (en)  
TRANSFORMER COIL

Publication  
**EP 0069973 B1 19851113 (DE)**

Application  
**EP 82106040 A 19820706**

Priority  
DE 3127341 A 19810710

Abstract (en)  
[origin: EP0069973A1] 1. A transformer coil comprising in integral coil body (1) of insulating material having flanges (4, 5) formed on each end, and a core bore (6), in the region of which a longitudinal rib (7) is formed ; winding supports (9, 10) arranged on at least one coil flange ; and an iron core which arranged in the core bore (6) and extends axially beyond the coil flanges, characterised in - that the iron core is divided transversely to its longitudinal direction into two core parts (16, 17) which, in the longitudinal direction, respectively have a slot (23) which completely divides the wall of the core and an attached flange (19, 20) at their ends which protrude beyond the coil body (1, 31, 41, 51, 61) ; - that the longitudinal rib (7, 32, 42, 52, 62) of the coil body (1, 31, 41, 51, 61) engages into the slots (23) of the two core parts (16, 17) ; and - that the winding supports (9, 10, 44, 45, 55, 56) are arranged at the end of the longitudinal rib (7, 32, 42, 52, 62).

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IPC 8 full level  
**H01F 5/02** (2006.01); **H01F 5/04** (2006.01); **H01F 27/30** (2006.01)

CPC (source: EP)  
**H01F 5/02** (2013.01); **H01F 5/04** (2013.01)

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