

Title (en)

INDUCTIVE ELECTRONIC COMPONENT FOR TRANSMISSION BY FLAT CONTACTS

Publication

**EP 0130902 B1 19871119 (FR)**

Application

**EP 84401338 A 19840626**

Priority

FR 8311078 A 19830704

Abstract (en)

[origin: EP0130902A2] 1. Inductive electronic component for flat mounting, of the type comprising a bobbin formed of two flanges (2, 3) fast with a mandril (1) whereon an electric coil is wound the ends (13, 14) of which are respectively connected to an electrode, a protection means (11) surrounding the winding substantially up to the flanges (2, 3), and the flanges (2, 3) being covered with an electrode forming a conductive layer substantially exclusively on their outer faces, characterized in that each flange (2, 3) and its conductive layer comprise an open groove (6, 7) extending parallel to the mandril (1) and at least up to the extension of the latter at the level of the flanges (2, 3), each end (13, 14) of the coil being respectively fixed in each groove (6, 7) by means of a soldering ensuring the electric contact between the electrodes (4, 5) and the ends (13, 14) of the coil.

IPC 1-7

**H01F 17/00**; H01F 15/10; H01F 5/04

IPC 8 full level

**H01F 5/04** (2006.01); **H01F 17/00** (2006.01); **H01F 17/04** (2006.01); **H01F 27/29** (2006.01)

CPC (source: EP)

**H01F 5/04** (2013.01); **H01F 17/00** (2013.01); **H01F 27/29** (2013.01); **H01F 2017/0053** (2013.01)

Cited by

GB2258764A; EP0845792A3; DE3615037A1; EP0785559A4; US7467760B2; US7312682B2

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