

Title (en)

COIL FOR AN ELECTROMAGNETIC RELAY.

Title (de)

SPULE FÜR EIN ELEKTROMAGNETISCHES RELAIS.

Title (fr)

BOBINE POUR RELAIS ELECTROMAGNETIQUE.

Publication

**EP 0610221 A1 19940817 (DE)**

Application

**EP 92918638 A 19920903**

Priority

- DE 4136005 A 19911031
- DE 9200737 W 19920903

Abstract (en)

[origin: US5521574A] PCT No. PCT/DE92/00737 Sec. 371 Date Apr. 28, 1994 Sec. 102(e) Date Apr. 28, 1994 PCT Filed Sep. 3, 1992 PCT Pub. No. WO93/09556 PCT Pub. Date May 13, 1993. The coil has a coil former having an essentially cylindrical coil tube (2) as a support for a winding (5). Arranged on the external circumference of the coil tube are tab-shaped projections (8) which extend into the winding stack (5) and prevent twisting and axial movement in the event of the winding shrinking.

Abstract (fr)

La bobine proposée a un corps de bobine comportant un tube de bobine essentiellement cylindrique (2) servant de support à un enroulement (5). Sur la circonference extérieure du tube sont disposés des ergots (8) qui pénètrent dans l'enroulement (5) pour lui interdire tout glissement axial ou rotatoire en cas de contraction de l'enroulement.

IPC 1-7

**H01H 50/44; H01F 5/02**

IPC 8 full level

**H01F 5/02** (2006.01); **H01H 50/44** (2006.01)

CPC (source: EP US)

**H01F 5/02** (2013.01 - EP US); **H01H 50/44** (2013.01 - EP US); **H01H 2050/446** (2013.01 - EP US)

Citation (search report)

See references of WO 9309556A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI

DOCDB simple family (publication)

**US 5521574 A 19960528**; AT E130700 T1 19951215; CA 2122447 A1 19930513; DE 4136005 C1 19921029; DE 59204448 D1 19960104; EP 0610221 A1 19940817; EP 0610221 B1 19951122; PT 101018 A 19940630; SI 9200202 A 19930630; WO 9309556 A1 19930513

DOCDB simple family (application)

**US 23212494 A 19940428**; AT 92918638 T 19920903; CA 2122447 A 19920903; DE 4136005 A 19911031; DE 59204448 T 19920903; DE 9200737 W 19920903; EP 92918638 A 19920903; PT 10101892 A 19921029; SI 9200202 A 19920902