

Title (en)

Covered coil, process for manufacturing the same, and device for manufacturing the same.

Title (de)

Umhüllte Spule, Verfahren und Vorrichtung zu deren Herstellung.

Title (fr)

Bobine revêtue, procédé et dispositif pour sa fabrication.

Publication

EP 0038883 A1 19811104 (EN)

Application

EP 80301335 A 19800424

Priority

EP 80301335 A 19800424

Abstract (en)

A covered coil comprises a loop-shaped insulating tube (1) having a given length and diameter, and a coil formed by winding an insulated wire (2) through the loop-shaped insulating tube by a given number of turns, with inlet and outlet terminal sections (2a,2b) of the insulated wire, in the gap between the open ends of the tube (1). The tube (1) provides insulation and protection for the coil. The coil is made by first arranging a wire-shaped guide in the tube (1) to which the wire (2) is attached. Rolling-in rollers then rotate the guide with the wire around the tube for a desired number of turns. The covered coil is for use as a degaussing coil, a stator coil for an underwater motor, a coil for an outdoor antenna, or the like.

IPC 1-7

H01F 41/06

IPC 8 full level

H01F 41/071 (2016.01)

CPC (source: EP)

H01F 41/071 (2016.01)

Citation (search report)

- FR 737051 A 19321206 - CFCMUG
- GB 851233 A 19601012 - BRENTFORD TRANSFORMERS LTD
- FR 2080733 A1 19711119 - ASEA AB, et al
- US 3878494 A 19750415 - GHARAIBEH HASHEM M

Cited by

ES2121661A1

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

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