

Title (en)

WINDING DEVICE FOR FORMING AN ELECTRICAL COIL ON A MAGNETIC AIR GAP CIRCUIT

Title (de)

WICKELVORRICHTUNG ZUR HERSTELLUNG EINER ELEKTRISCHEN SPULE AUF EINEM MAGNETKREIS MIT LUFTSPALT

Title (fr)

DISPOSITIF DE BOBINAGE POUR FORMER UNE BOBINE ELECTRIQUE SUR UN CIRCUIT MAGNETIQUE A ENTREFER

Publication

**EP 0842519 A1 19980520 (FR)**

Application

**EP 96921862 A 19960719**

Priority

- CH 9600264 W 19960719
- CH 226695 A 19950804

Abstract (en)

[origin: WO9706540A1] An essentially cylindrical coil (3) may be formed on a substantially straight arm of a magnetic circuit (1) having a very short air gap (2). For this purpose, a wire guide (6) including a wire inlet portion (8) and a wire outlet portion (9) as well as an elongate intermediate portion (11) is arranged to rotate about the axis (4) of the coil (3) and reciprocate in the axial direction of the coil. The height of the longitudinal cross section of the intermediate portion of the wire guide is smaller than the length of the air gap, over a distance no smaller than the length of the coil, whereby said intermediate portion is longitudinally and transversely insertable through the air gap.

IPC 1-7

**H01F 41/06**; **H01F 41/08**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 9706540A1

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