

Title (en)

TRANSFORMER, POWER SUPPLY DEVICE, AND METHOD FOR MANUFACTURING TRANSFORMER

Title (de)

TRANSFORMATOR, STROMVERSORGUNGSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES TRANSFORMATORS

Title (fr)

TRANSFORMATEUR, DISPOSITIF D'ALIMENTATION, ET PROCÉDÉ DE FABRICATION DE TRANSFORMATEUR

Publication

EP 3026683 B1 20191023 (EN)

Application

EP 15740882 A 20150126

Priority

- JP 2014011956 A 20140127
- JP 2015052035 W 20150126

Abstract (en)

[origin: EP3026683A1] A transformer (100) includes: an uncut magnetic core (5) formed by winding or layering a magnetic alloy ribbon, the uncut magnetic core forming a closed magnetic path; a protector member (1) covering the magnetic core; a primary coil (2) and a secondary coil (3); and a bobbin (4) supported rotatably around the protector member, wherein the bobbin (4) includes a cylindrical portion (7) which has a circumferential surface around which the lead wire is to be wound, a pair of flanges (8) provided between which the circumferential surface is located, and a gear portion (9) provided on an outer side of the flanges so as to be spaced away from the flanges, and a wound portion of a lead wire which forms the primary coil and a wound portion of a lead wire which forms the secondary coil are arranged alternately in a radial direction of the cylindrical portion.

IPC 8 full level

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CPC (source: EP)

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