

Title (en)
WINDING METHOD FOR NON-RADIAL WINDINGS OF A CRT DEFLECTOR

Publication
EP 0286484 B1 19930915 (FR)

Application
EP 88400650 A 19880318

Priority
FR 8703992 A 19870323

Abstract (en)
[origin: JPS6471033A] PURPOSE: To provide an inclination at the edge section of a coil and facilitate automation by forming the first coil layer at a large coil pitch at least in the nearly radial direction, forming the subsequent coil layers in the nonradial direction with at least a part of the first coil layer, and preventing a slip. CONSTITUTION: A coil layer 24 with a flyer 22 at a large pitch is formed in the radial direction at the portion of a ferrite magnetic core section 21. This coil layer 24 is wound in the nearly radial direction, and it has a stable position against the portion of a conical ring formed on the ferrite magnetic core section 21 having a base line in the radial direction. When the next nonradial direction coil layer 25 is arranged, this winding is hardly moved, and it serves as a holding notch. The radial direction winding and the nonradial direction winding can be formed with the same wire without being interrupted. The pitch (rotation angle of a ferrite magnetic core or a flyer around the axis B per one winding) of the coil layer 24 is constant, and it is about two to five times the pitch of the coil having the dense winding formed with the same flyer.

IPC 1-7
H01J 9/236

IPC 8 full level
H01J 9/236 (2006.01); **H01J 29/76** (2006.01)

CPC (source: EP KR US)
H01J 9/236 (2013.01 - EP US); **H01J 29/76** (2013.01 - KR); **H01J 2209/2366** (2013.01 - EP US); **Y10T 29/49071** (2015.01 - EP US)

Designated contracting state (EPC)
DE GB IT NL

DOCDB simple family (publication)
EP 0286484 A1 19881012; **EP 0286484 B1 19930915**; CN 1020059 C 19930310; CN 1021714 C 19930728; CN 1067137 A 19921216; CN 88100317 A 19881005; DE 3884035 D1 19931021; DE 3884035 T2 19940224; FR 2613128 A1 19880930; FR 2613128 B1 19890526; JP 2950828 B2 19990920; JP S6471033 A 19890316; KR 880011874 A 19881031; KR 960008603 B1 19960628; US 5165614 A 19921124

DOCDB simple family (application)
EP 88400650 A 19880318; CN 88100317 A 19880119; CN 92104242 A 19920529; DE 3884035 T 19880318; FR 8703992 A 19870323; JP 6922188 A 19880323; KR 880002983 A 19880321; US 72443491 A 19910701