

Title (en)

Wound wire coil and method and device for manufacturing the same

Title (de)

Gewickelte Drahtspule sowie Vorrichtung und Verfahren zur Herstellung der Drahtspule

Title (fr)

Bobine de fil enroulée ainsi que dispositif et procédé de fabrication de la bobine de fil

Publication

EP 2669228 B1 20161228 (DE)

Application

EP 13002797 A 20130529

Priority

DE 102012010839 A 20120601

Abstract (en)

[origin: EP2669228A2] The wound wire coil (2) has a take-up reel (4) having vertically side plates (10) and a coil core (6) with cylindrical surface (8). A wire winding (12) of a wire (14) on the coil core has several layers (L1,L2,L3,L4) radially arranged one above the other. Each layer has a middle moving width and forms detour dots at the side plates. The detour dots are staggered to the respectively adjacent detour dots in the circumferential direction at a transition between two superposed layers. Independent claims are included for the following: (1) method for manufacture of wound wire coil; and (2) device for manufacture of wound wire coil.

IPC 8 full level

B65H 55/04 (2006.01); **B65H 54/28** (2006.01); **B65H 54/32** (2006.01); **B65H 54/74** (2006.01)

CPC (source: EP)

B65H 54/2869 (2013.01); **B65H 54/74** (2013.01); **B65H 55/04** (2013.01); **B65H 2701/36** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2669228 A2 20131204; **EP 2669228 A3 20141210**; **EP 2669228 B1 20161228**; DE 102012010839 A1 20131205;
DE 102012010839 B4 20131224

DOCDB simple family (application)

EP 13002797 A 20130529; DE 102012010839 A 20120601