

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 2669227 B1 20161228 (DE)**

Application

**EP 13002798 A 20130529**

Priority

DE 102012010840 A 20120601

Abstract (en)

[origin: EP2669227A2] The wound wire reel (2) has a receiving coil (4) which has a coil core (6) with cylindrical upper surface (8) and side plates (10a,10b) stand perpendicular to the coil core, where a wire winding (12) of a wire (14) has multiple layers (L1,L2,L3) arranged over one another in radial direction (R). The wire between two lying reversal points (U1,U2,U3,U4) of the layers has overlapping portions (16) that form additional transitions (Z1,Z2,Z3,Z4) between layers lying over one another. Independent claims are included for the following: (1) a method for manufacturing a wound wire reel; and (2) a device for executing a manufacturing method.

IPC 8 full level

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

CPC (source: EP)

**B65H 54/2893** (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)

**DE 102012010840 B3 20131017**; EP 2669227 A2 20131204; EP 2669227 A3 20141203; EP 2669227 B1 20161228

DOCDB simple family (application)

**DE 102012010840 A 20120601**; EP 13002798 A 20130529