

Title (en)

COIL AND FABRICATION DEVICE THEREFOR, AND COIL FABRICATION METHOD

Title (de)

SPULE UND HERSTELLUNGSVORRICHTUNG DAFÜR SOWIE SPULENHERSTELLUNGSVERFAHREN

Title (fr)

BOBINE ET DISPOSITIF DE FABRICATION ASSOCIÉ AINSI QUE PROCÉDÉ DE FABRICATION DE BOBINE

Publication

EP 2919242 A4 20160622 (EN)

Application

EP 13853614 A 20131018

Priority

- JP 2012245337 A 20121107
- JP 2013078292 W 20131018

Abstract (en)

[origin: EP2919242A1] A coil manufacturing apparatus includes a bending unit (15) configured to carry out a bending process in which a metal sheet (2) fed by a feeder (14) is bent before rewound onto a former (16) and a control unit (20) configured to control the bending process based on a feed amount of the metal sheet (2) by the feeder (14) so that a winding start of the metal sheet (2) is shaped according to an outer peripheral shape of the former (16) and thereafter, according to an outer peripheral shape of the metal 1 sheet (2) lap-wound onto the former (16).

IPC 8 full level

H01F 27/28 (2006.01); **H01F 41/04** (2006.01); **H01F 41/06** (2006.01); **H01F 41/061** (2016.01); **H01F 41/071** (2016.01); **H01F 41/077** (2016.01); **H01F 41/096** (2016.01)

CPC (source: EP RU)

H01F 27/2847 (2013.01 - EP RU); **H01F 41/04** (2013.01 - RU); **H01F 41/061** (2016.01 - EP RU); **H01F 41/071** (2016.01 - EP); **H01F 41/077** (2016.01 - EP); **H01F 41/096** (2016.01 - EP); **H01F 41/063** (2016.01 - EP)

Citation (search report)

- [Y] JP 2001332435 A 20011130 - MITSUBISHI ELECTRIC CORP
- [Y] JP H06295825 A 19941021 - MITSUBISHI ELECTRIC CORP
- See references of WO 2014073352A1

Cited by

SE2150689A1; SE544619C2; WO2017084115A1; WO2022255916A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2919242 A1 20150916; **EP 2919242 A4 20160622**; **EP 2919242 B1 20190424**; CN 104798151 A 20150722; CN 104798151 B 20170531; ES 2730687 T3 20191112; JP 2014096402 A 20140522; JP 6022901 B2 20161109; RU 2015121638 A 20161227; RU 2611723 C2 20170228; WO 2014073352 A1 20140515

DOCDB simple family (application)

EP 13853614 A 20131018; CN 201380058369 A 20131018; ES 13853614 T 20131018; JP 2012245337 A 20121107; JP 2013078292 W 20131018; RU 2015121638 A 20131018