

Title (en)
METHOD FOR PRODUCING AN INDUCTION COMPONENT

Title (de)
VERFAHREN ZUM HERSTELLEN EINES INDUKTIONSBAUTEILS

Title (fr)
PROCÉDÉ DE PRODUCTION D'UN ÉLÉMENT À INDUCTION

Publication
EP 3134907 B1 20190814 (DE)

Application
EP 15717127 A 20150409

Priority
• DE 102014207636 A 20140423
• EP 2015057721 W 20150409

Abstract (en)
[origin: WO2015162016A1] The invention relates to a method for producing induction components, each containing a coil, in order to wind the coils on a wire winding plate containing a plurality of wire winding pins arranged in rows and columns, using a continuous wire for a number of coils. The template provided with the coils is then pressed in a moulding press together with ferromagnetic powder substrate, which surrounds the coils. After removing the template, the inner regions of the coils are again provided with powder substrate in a moulding press, and pressed. Finally, the connections are contacted, and the blocks are broken up into individual induction components, each containing a coil.

IPC 8 full level
H01F 17/04 (2006.01); **H01F 27/29** (2006.01); **H01F 41/12** (2006.01)

CPC (source: CN EP KR RU US)
H01F 17/04 (2013.01 - CN EP KR RU US); **H01F 27/255** (2013.01 - US); **H01F 27/29** (2013.01 - RU); **H01F 27/292** (2013.01 - CN EP KR US); **H01F 41/0246** (2013.01 - US); **H01F 41/06** (2013.01 - US); **H01F 41/12** (2013.01 - RU); **H01F 41/127** (2013.01 - CN EP KR US); **H01F 2017/048** (2013.01 - CN EP KR US)

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)
WO 2015162016 A1 20151029; AU 2015251054 A1 20161110; AU 2015251054 B2 20180118; CA 2946346 A1 20151029; CA 2946346 C 20180703; CN 106415746 A 20170215; CN 106415746 B 20181109; DE 102014207636 A1 20151029; EP 3134907 A1 20170301; EP 3134907 B1 20190814; ES 2753351 T3 20200408; IL 248167 A 20170430; JP 2017514308 A 20170601; JP 6542804 B2 20190710; KR 101873673 B1 20180702; KR 20160145776 A 20161220; RU 2016144981 A 20180523; RU 2016144981 A3 20180523; RU 2660915 C2 20180711; SG 11201608783T A 20161129; TW 201606820 A 20160216; TW I594278 B 20170801; US 10319519 B2 20190611; US 2017053741 A1 20170223

DOCDB simple family (application)
EP 2015057721 W 20150409; AU 2015251054 A 20150409; CA 2946346 A 20150409; CN 201580021056 A 20150409; DE 102014207636 A 20140423; EP 15717127 A 20150409; ES 15717127 T 20150409; IL 24816716 A 20161002; JP 2016563967 A 20150409; KR 20167032383 A 20150409; RU 2016144981 A 20150409; SG 11201608783T A 20150409; TW 104113097 A 20150423; US 201515305871 A 20150409