

Title (en)

PROCESS FOR MANUFACTURING A MAGNETIC PART OF A DIFFERENTIAL RELAY COMPRISING A SURFACE TREATMENT BY SHOT-PEENING

Title (de)

HERSTELLUNGSVERFAHREN DER MAGNETTEILE EINES DIFFERENZIALRELAIS, DAS EINE OBERFLÄCHENBEHANDLUNG DURCH MIKROKUGELSTRAHLEN UMFASST

Title (fr)

PROCÉDÉ DE FABRICATION DE PIÈCES MAGNÉTIQUES D'UN RELAIS DIFFÉRENTIEL COMPRENANT UN TRAITEMENT DE SURFACE PAR MICROBILLAGE

Publication

EP 2942792 B1 20170614 (FR)

Application

EP 15163999 A 20150417

Priority

FR 1454187 A 20140509

Abstract (en)

[origin: CN105097357A] A method of manufacturing a magnetic part (15, 17) of a differential relay (5) with high sensitivity comprises performing a surface treatment step of shot peening on at least one portion of a surface of the magnetic piece (15, 17). The surface treatment step of shot peening comprises projecting pressure microbeads on the surface portion.

IPC 8 full level

H01F 1/147 (2006.01); **H01H 83/14** (2006.01)

CPC (source: EP)

H01F 7/081 (2013.01); **H01H 83/144** (2013.01); **H01H 51/2236** (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 2942792 A1 20151111; **EP 2942792 B1 20170614**; CN 105097357 A 20151125; CN 105097357 B 20191224; ES 2634000 T3 20170926; FR 3020895 A1 20151113; FR 3020895 B1 20160624

DOCDB simple family (application)

EP 15163999 A 20150417; CN 201510226841 A 20150506; ES 15163999 T 20150417; FR 1454187 A 20140509