

Title (en)
PROCESS FOR SURFACE TREATING A MAGNESIUM ALLOY AND PROCESS FOR ELECTROLESS NICKEL PLATING A TREATED SURFACE

Title (de)
VERFAHREN ZUR OBERFLÄCHENBEHANDLUNG EINER MAGNESIUMLEGIERUNG UND VERFAHREN ZUR STROMLOSEN NICKELPLATTIERUNG EINER BEHANDELTEN OBERFLÄCHE

Title (fr)
PROCÉDÉ DE TRAITEMENT DE SURFACE D'UN ALLIAGE DE MAGNÉSIUM ET PROCÉDÉ DE DÉPÔT AUTOCATALYTIQUE DE NICKEL SUR UNE SURFACE TRAITÉE

Publication
EP 3294926 A1 20180321 (EN)

Application
EP 15709985 A 20150127

Priority
IB 2015000079 W 20150127

Abstract (en)
[origin: WO2016120653A1] The present invention relates a process for treating a component surface made of magnesium alloy optimized for a subsequent electroless nickel plating phase of the surface. The method of treating comprises the steps of providing a component made of magnesium alloy, chemically degreasing the component surface, pickling the surface, activating for a first time surface of the component and removing impurities of the preceding steps with one or more rinsing steps of the surface. After the superficial treatment according to said method, the surface is ready for a electroless nickel plating with chemical nickel having a low content of phosphorus.

IPC 8 full level
C23C 18/18 (2006.01); **C23C 18/36** (2006.01); **C23F 1/40** (2006.01); **C23G 1/22** (2006.01)

CPC (source: EP)
C23C 18/1669 (2013.01); **C23C 18/1676** (2013.01); **C23C 18/1844** (2013.01); **C23C 18/36** (2013.01); **C23F 1/40** (2013.01); **C23G 1/22** (2013.01)

Citation (search report)
See references of WO 2016120653A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016120653 A1 20160804; EP 3294926 A1 20180321; EP 3294926 B1 20210714

DOCDB simple family (application)
IB 2015000079 W 20150127; EP 15709985 A 20150127