

Title (en)

METHOD FOR LABELING CAST METAL COMPONENTS BY MEANS OF ELECTRONIC TRANSPONDERS

Title (de)

VERFAHREN ZUR KENNZEICHNUNG VON METALLGUSSBAUTEILEN MITTELS ELEKTRONISCHER TRANSPONDER

Title (fr)

PROCÉDÉ DE MARQUAGE DE COMPOSANTS COULÉS EN MÉTAL AU MOYEN D'UN TRANSPONDEUR ÉLECTRONIQUE

Publication

EP 3931752 A1 20220105 (DE)

Application

EP 20707628 A 20200227

Priority

- DE 102019202750 A 20190228
- EP 2020055214 W 20200227

Abstract (en)

[origin: WO2020174075A1] The invention relates to a method for producing a cast metal part (15), in which method said part is individually labeled, the cast metal part (15) being produced in a casting process (2) and thereafter being subjected to a thermal treatment (3). Continuous labeling of a cast metal part of this type from the primary shaping process until use, even beyond a potential thermal treatment step, can be made possible by producing an individual initial label (18, 19, 20, 21b, 22) in the cast metal part or transferring said label into the cast metal part (15) before the thermal treatment (3) and arranging an RFID element (22e) on the cast metal part, in particular in a cut-out (16) in the cast metal part, after the thermal treatment (3), the identity of which element is linked to the initial label (18, 19, 20, 21b, 22).

IPC 8 full level

B22C 23/00 (2006.01); **G06K 19/07** (2006.01)

CPC (source: EP)

B22C 23/00 (2013.01); **B22D 46/00** (2013.01); **G06K 19/0723** (2013.01); **G09F 7/16** (2013.01)

Citation (search report)

See references of WO 2020174075A1

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)

DE 102019202750 B3 20200312; EP 3931752 A1 20220105; WO 2020174075 A1 20200903

DOCDB simple family (application)

DE 102019202750 A 20190228; EP 2020055214 W 20200227; EP 20707628 A 20200227