

Title (en)
SEPARATING DEVICE AND METHOD FOR PRODUCING A CRUCIBLE FOR SAID SEPARATING DEVICE

Title (de)
ABSCHIEDEVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINES TIEGELS HIERFÜR

Title (fr)
DISPOSITIF DE SÉPARATION ET PROCÉDÉ DE FABRICATION D'UN CREUSET ASSOCIÉ

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Application
EP 12713863 A 20120131

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Abstract (en)
[origin: WO2012103885A1] The invention relates to a separating device, comprising a crucible (1) and heating means (2) that are arranged to heat up evaporation material (3) in the crucible (1), wherein the crucible (1) comprises a metal body (11) and a protective layer (13) that contains titanium oxide (Ti_xO_y) and covers at least a part of the inner surface (12) of the metal body (11). The invention further relates to a method for producing a crucible (1) for such a separating device.

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Citation (search report)
See references of WO 2012103885A1

Citation (examination)
• ASHRAFIZADEH A ET AL: "Structural features and corrosion analysis of thermally oxidized titanium", JOURNAL OF ALLOYS AND COMPOUNDS, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 480, no. 2, 8 July 2009 (2009-07-08), pages 849 - 852, XP026169538, ISSN: 0925-8388, [retrieved on 20090304], DOI: 10.1016/J.JALLCOM.2009.02.079
• KUMAR S ET AL: "Thermal oxidation of CP-Ti: Evaluation of characteristics and corrosion resistance as a function of treatment time", MATERIALS SCIENCE AND ENGINEERING C, ELSEVIER SCIENCE S.A, CH, vol. 29, no. 6, 1 August 2009 (2009-08-01), pages 1942 - 1949, XP026322583, ISSN: 0928-4931, [retrieved on 20090313], DOI: 10.1016/J.MSEC.2009.03.007

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