

Title (en)  
METHOD OF ASSAYING NOBLE METALS

Title (de)  
VERFAHREN ZUM TESTEN VON EDELMETALLEN

Title (fr)  
PROCÉDÉ DE DOSAGE DES MÉTAUX NOBLES

Publication  
**EP 2625516 A4 20150603 (EN)**

Application  
**EP 11830279 A 20111006**

Priority  
• EP 10187017 A 20101008  
• IB 2011054398 W 20111006  
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Abstract (en)  
[origin: WO2012046201A1] Method of assaying noble metals in a mineral and/or ceramic matrix in the content range from 0.03 to 500 mg/kg, which comprises the following steps: (a) Dry thermal treatment of a homogenized sample in a reducing atmosphere; (b) Extraction in an oxidizing medium; (c) Atomic spectrometric quantification of the noble metals by means of ICP-QMS.

IPC 8 full level  
**G01N 33/24** (2006.01)

CPC (source: EP KR)  
**G01N 33/24** (2013.01 - EP KR); **H01J 37/321** (2013.01 - EP KR); **H01J 37/32972** (2013.01 - EP KR)

Citation (search report)  
• [X] KIWAMU OGURI ET AL: "Quantitative determination of gold and the platinum-group elements in geological samples using improved NiS fire-assay and tellurium coprecipitation with inductively coupled z / plasma-mass spectrometry ICP-MS", CHEMICAL GEOLOGY, vol. 157, 24 May 1999 (1999-05-24), pages 189 - 197, XP055185818, ISSN: 0009-2541, DOI: 10.1016/S0009-2541(98)00205-8  
• [A] G.E.M. HALL ET AL: "Review of methods to determine gold, platinum and palladium in production-oriented geochemical laboratories, with application of a statistical procedure to test for bias", JOURNAL OF GEOCHEMICAL EXPLORATION, vol. 30, no. 1-3, 1988, pages 255 - 286, XP055185766, ISSN: 0375-6742, DOI: 10.1016/0375-6742(88)90064-7  
• See references of WO 2012046201A1

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

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