

Title (en)

METHOD FOR ANALYZING LIQUID METAL AND DEVICE FOR USE IN THIS METHOD

Title (de)

VERFAHREN ZUR ANALYSE VON FLÜSSIGMETALL SOWIE VORRICHTUNG ZUR VERWENDUNG IN DEM VERFAHREN

Title (fr)

METHODE D'ANALYSE D'UN MÉTAL LIQUIDE ET DISPOSITIF UTILISÉ DANS CETTE MÉTHODE

Publication

**EP 1907828 A1 20080409 (EN)**

Application

**EP 06776373 A 20060724**

Priority

- EP 2006007261 W 20060724
- NL 1029612 A 20050726

Abstract (en)

[origin: WO2007012440A1] Method for analyzing the composition of a bath comprising liquid metal, in which a laser beam is directed onto a surface of the bath and in which at least part of the metal forms a sample which is analyzed, wherein, at least at the location where the laser beam meets the bath, impurities at the surface of the bath are removed by purging with a stream of a purge gas.

IPC 8 full level

**G01N 21/71** (2006.01); **G01N 21/15** (2006.01); **G01N 21/69** (2006.01)

CPC (source: EP US)

**G01N 21/15** (2013.01 - EP US); **G01N 21/69** (2013.01 - EP US); **G01N 21/718** (2013.01 - EP US); **G01N 2021/151** (2013.01 - EP US);  
**G01N 2021/695** (2013.01 - EP US)

Citation (search report)

See references of WO 2007012440A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007012440 A1 20070201**; CA 2614790 A1 20070201; CN 101263380 A 20080910; EP 1907828 A1 20080409; FR 2889313 A1 20070202;  
NL 1029612 C2 20070129; RU 2008102370 A 20090727; US 2007023110 A1 20070201

DOCDB simple family (application)

**EP 2006007261 W 20060724**; CA 2614790 A 20060724; CN 200680026751 A 20060724; EP 06776373 A 20060724; FR 0606835 A 20060726;  
NL 1029612 A 20050726; RU 2008102370 A 20060724; US 49222606 A 20060725