

Title (en)

PROTECTIVE COVER FOR A SENSOR IN ALUMINIUM MELTS

Title (de)

SCHUTZHÜLLE FÜR EINEN SENSOR IN ALUMINIUMSCHMELZEN

Title (fr)

ENVELOPPE DE PROTECTION POUR DÉTECTEURS EN FONTE D'ALUMINIUM

Publication

EP 2286196 A1 20110223 (DE)

Application

EP 09761395 A 20090528

Priority

- EP 2009003792 W 20090528
- DE 102008027505 A 20080610

Abstract (en)

[origin: WO2009149832A1] The invention relates to a measuring device having a protective cover and a sensor arranged in the protective cover and consists in that the protective cover has a metal support tube which is closed on one side and on the outer surface of which a coating made of a material that cannot be wetted by aluminium is arranged, and in that a further layer made of a material that can be wetted by aluminium is applied to said coating.

IPC 8 full level

G01K 1/10 (2006.01); **G01K 1/12** (2006.01)

CPC (source: EP US)

G01K 1/105 (2013.01 - EP US); **G01K 1/125** (2013.01 - EP US)

Citation (search report)

See references of WO 2009149832A1

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2009149832 A1 20091217; AU 2009256994 A1 20091217; AU 2009256994 B2 20121129; BR PI0915048 A2 20151027;
CA 2723943 A1 20091217; CN 102057262 A 20110511; DE 102008027505 A1 20100128; EP 2286196 A1 20110223;
RU 2010153997 A 20120720; US 2011083958 A1 20110414; US 8425112 B2 20130423; ZA 201008821 B 20111026

DOCDB simple family (application)

EP 2009003792 W 20090528; AU 2009256994 A 20090528; BR PI0915048 A 20090528; CA 2723943 A 20090528;
CN 200980122032 A 20090528; DE 102008027505 A 20080610; EP 09761395 A 20090528; RU 2010153997 A 20090528;
US 99663309 A 20090528; ZA 201008821 A 20101208