

Title (en)

Gas flushing element and associated gas connection element

Title (de)

Gasspül-Element und zugehöriges Gasanschluss-Element

Title (fr)

Élément de rinçage de gaz et élément de raccord de gaz associé

Publication

EP 2893992 B1 20151230 (DE)

Application

EP 14150656 A 20140109

Priority

EP 14150656 A 20140109

Abstract (en)

[origin: WO2015104079A1] The invention relates to a gas purging element for metallurgical applications, for example, for installation in a metallurgical vessel, and to an associated gas connection element.

IPC 8 full level

B22D 1/00 (2006.01); **C21C 5/48** (2006.01)

CPC (source: EP US)

B22D 1/005 (2013.01 - EP US); **C21C 5/34** (2013.01 - EP US); **C21C 5/48** (2013.01 - EP US); **F27D 17/002** (2013.01 - EP US)

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

DOCDB simple family (publication)

EP 2893992 A1 20150715; EP 2893992 B1 20151230; CN 105658354 A 20160608; ES 2563192 T3 20160311; HR P20160147 T1 20160311; MX 2016005652 A 20160921; PL 2893992 T3 20160630; RS 54558 B1 20160630; US 2016290722 A1 20161006; US 9879916 B2 20180130; WO 2015104079 A1 20150716

DOCDB simple family (application)

EP 14150656 A 20140109; CN 201480059884 A 20141111; EP 2014074261 W 20141111; ES 14150656 T 20140109; HR P20160147 T 20160209; MX 2016005652 A 20141111; PL 14150656 T 20140109; RS P20160054 A 20140109; US 201415037717 A 20141111