Title (en)

LAUNDER ASSEMBLY AND LAUNDER SECTION

Title (de)

Gießrinnenbaugruppe und Gießrinnenabschnitt

Title (fr)

ENSEMBLE CHENAL DE COULÉE ET SECTION DE CHENAL DE COULÉE

Publication

EP 2237909 B1 20120104 (EN)

Application

EP 09704523 A 20090120

Priority

- IB 2009050189 W 20090120
- ZA 200800596 A 20080121

Abstract (en)

[origin: WO2009093166A1] One aspect of the invention concerns a launder assembly (10) for conveying molten material from a metallurgical furnace, The assembly is made up of launder sections (12) arranged end to end with connections between adjacent ends of the launder sections. Each launder section includes a base (14) and spaced apart side walls (16, 18). At each connection between the adjacent ends of two launder sections, the bases of the launder sections are formed with recesses (28) which, in combination, form a cavity (32). A connector (34) is located in the cavity and in that the bases of the launder sections are connected to one another through the connector. In the preferred arrangement, the bases of the launder sections are connected to the connector by fasteners, typically bolts (38) which engage the bases and in threaded holes (42) in the connector.

IPC 8 full level

B22D 35/04 (2006.01); **C21B 7/14** (2006.01); **F27D 3/14** (2006.01)

CPC (source: EP US)

B22D 35/04 (2013.01 - EP US); **C21B 7/14** (2013.01 - EP US); **F27D 3/145** (2013.01 - EP US)

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

DOCDB simple family (publication)

WO 2009093166 A1 20090730; AP 2010005351 A0 20100831; AT E539834 T1 20120115; AU 2009207368 A1 20090730; EP 2237909 A1 20101013; EP 2237909 B1 20120104; PL 2237909 T3 20120629; US 2011017785 A1 20110127; ZA 201005198 B 20110928

DOCDB simple family (application)

IB 2009050189 W 20090120; AP 2010005351 A 20090120; AT 09704523 T 20090120; AU 2009207368 A 20090120; EP 09704523 A 20090120; PL 09704523 T 20090120; US 86376909 A 20090120; ZA 201005198 A 20100721