

Title (en)

ADVANCED MATERIAL OVERFLOW TRANSFER PUMP

Title (de)

FORTSCHRITTLICHE MATERIALÜBERSTRÖMUNGSTRANSFERPUMPE

Title (fr)

POMPE INNOVANTE DE TRANSFERT DE TROP-PLEIN DE MATÉRIAU

Publication

EP 3262302 B1 20201216 (EN)

Application

EP 16756427 A 20160226

Priority

- US 201562121805 P 20150227
- US 2016019735 W 20160226

Abstract (en)

[origin: WO2016138359A1] A molten metal pump comprising an elongated tube having a base end defining an inlet and a top end defining an outlet is provided. The elongated tube is constructed of a reinforced fiber material (RFM). A shaft is disposed within the tube with an impeller secured to the shaft and disposed proximate the base end.

IPC 8 full level

F04D 7/06 (2006.01); **B22D 35/00** (2006.01); **B22D 39/00** (2006.01); **F04D 13/08** (2006.01); **F04D 29/00** (2006.01); **F04D 29/02** (2006.01); **F04D 29/046** (2006.01)

CPC (source: EP RU US)

B22D 17/28 (2013.01 - RU); **B22D 17/30** (2013.01 - EP US); **B22D 39/00** (2013.01 - EP US); **F04D 7/065** (2013.01 - EP RU US); **F04D 29/026** (2013.01 - EP RU US); **F04D 29/0465** (2013.01 - US); **F04D 29/167** (2013.01 - RU US); **F04D 29/426** (2013.01 - EP US); **F05D 2300/6033** (2013.01 - EP US)

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DOCDB simple family (publication)

WO 2016138359 A1 20160901; BR 112017018374 A2 20180417; BR 112017018374 B1 20221122; CA 2977972 A1 20160901; CA 2977972 C 20240109; CN 107532606 A 20180102; CN 107532606 B 20220708; EP 3262302 A1 20180103; EP 3262302 A4 20181031; EP 3262302 B1 20201216; ES 2848423 T3 20210809; JP 2018506681 A 20180308; JP 6953312 B2 20211027; MX 2017011027 A 20171024; PL 3262302 T3 20210628; RU 2017131438 A 20190327; RU 2017131438 A3 20190620; RU 2712557 C2 20200129; US 2018038373 A1 20180208; ZA 201706346 B 20190925

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