

Title (en)

FILTRATION DEVICE FOR THE FILTRATION OF A LIQUID METAL OR AN ALLOY THEREOF, AND A FILTRATION METHOD USING SAID FILTRATION DEVICE

Title (de)

FILTRATIONSVORRICHTUNG ZUR FILTRATION EINES FLÜSSIGEN METALLS ODER EINER LEGIERUNG DAVON UND FILTRATIONSVERFAHREN MIT VERWENDUNG DER BESAGTEN FILTRATIONSVORRICHTUNG

Title (fr)

DISPOSITIF DE FILTRATION POUR LA FILTRATION D'UN MÉTAL LIQUIDE OU D'UN ALLIAGE DE CELUI-CI, ET PROCÉDÉ DE FILTRATION UTILISANT LEDIT DISPOSITIF DE FILTRATION

Publication

**EP 3490692 A1 20190605 (EN)**

Application

**EP 17833157 A 20170728**

Priority

- US 201615224028 A 20160729
- CA 2017050908 W 20170728

Abstract (en)

[origin: WO2018018156A1] Filtration devices are provided with original structural features to allow a better stiffness of the same and prevent the possibility of being distorted and/or driven under the pressure of a flux of liquid metal or an alloy thereof which is passing there through. Said features may consist of a ridge portion extending the periphery of a filtration device, a rim portion provided in double-basket filtration devices, or a particular «M» shape filtration device.

IPC 8 full level

**B01D 39/12** (2006.01); **B01D 29/07** (2006.01); **B01D 35/02** (2006.01); **B01D 35/06** (2006.01); **B01D 39/20** (2006.01); **B22C 9/08** (2006.01); **B22D 18/04** (2006.01); **B22D 43/00** (2006.01); **C22B 21/06** (2006.01)

CPC (source: EP KR)

**B01D 39/086** (2013.01 - EP); **B22C 9/086** (2013.01 - EP); **B22D 18/04** (2013.01 - EP KR); **B22D 43/00** (2013.01 - EP); **B22D 43/004** (2013.01 - EP KR); **C22B 21/066** (2013.01 - EP); **B01D 2239/0457** (2013.01 - EP); **B01D 2239/0492** (2013.01 - EP); **Y02P 10/20** (2015.11 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018018156 A1 20180201**; BR 112019001620 A2 20190611; CA 3030877 A1 20180201; CN 109562310 A 20190402; EP 3490692 A1 20190605; EP 3490692 A4 20190717; JP 2019529113 A 20191017; KR 20190031507 A 20190326; MX 2019001227 A 20190603

DOCDB simple family (application)

**CA 2017050908 W 20170728**; BR 112019001620 A 20170728; CA 3030877 A 20170728; CN 201780046951 A 20170728; EP 17833157 A 20170728; JP 2019504777 A 20170728; KR 20197004309 A 20170728; MX 2019001227 A 20170728