

Title (en)

WELLBORE ISOLATION DEVICE MADE FROM A POWDERED FUSIBLE ALLOY MATRIX

Title (de)

BOHRLOCHISOLIERVORRICHTUNG AUS EINER PULVERFÖRMIGEN SCHMELZBAREN LEGIERUNGSMATRIX

Title (fr)

DISPOSITIF D'ISOLATION DE FORAGE FABRIQUÉ À PARTIR D'UNE MATRICE D'ALLIAGE FUSIBLE PULVÉRULENTE

Publication

EP 3038773 A4 20170503 (EN)

Application

EP 14870921 A 20140925

Priority

- US 201314136932 A 20131220
- US 2014057556 W 20140925

Abstract (en)

[origin: WO2015094449A1] A method of producing at least a portion of a wellbore isolation device comprising: providing a fusible alloy matrix in a powdered form; placing at least the particles of the fusible alloy matrix powder into a mold; compacting the particles located inside the mold via an application of pressure; and fusing the particles together to form a solid material, wherein the solid material forms the at least a portion of the wellbore isolation device.

IPC 8 full level

C22C 1/04 (2006.01); **C22C 32/00** (2006.01)

CPC (source: EP)

C22C 1/04 (2013.01); **C22C 1/0483** (2013.01); **C22C 1/05** (2013.01); **C22C 12/00** (2013.01); **C22C 32/0089** (2013.01); **C22C 32/0094** (2013.01); **B22F 2998/10** (2013.01)

Citation (search report)

- [X] US 2009226340 A1 20090910 - MARYA MANUEL [US]
- [A] US 2013333890 A1 20131219 - DAGENAIS PETE [US], et al
- See references of WO 2015094449A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 2014057556 W 20140925; AR P140104233 A 20141111; AU 2014367184 A 20140925; CA 2925108 A 20140925; EP 14870921 A 20140925; EP 23162882 A 20140925; MX 2016006473 A 20140925