

Title (en)

ROBUST INGOT FOR THE PRODUCTION OF COMPONENTS MADE OF METALLIC SOLID GLASSES

Title (de)

ROBUSTER INGOT FÜR DIE HERSTELLUNG VON BAUTEILEN AUS METALLISCHEN MASSIVGLÄSERN

Title (fr)

LINGOTIÈRE ROBUSTE POUR LA FABRICATION DE COMPOSANTS DE VERRES MÉTALLIQUES EN MASSE

Publication

**EP 3695920 B1 20220406 (DE)**

Application

**EP 19156906 A 20190213**

Priority

EP 19156906 A 20190213

Abstract (en)

[origin: WO2020164916A1] A method for producing an ingot made of a solid glass forming alloy, comprising the steps of: providing a homogeneous melt of a solid glass forming alloy; pouring the homogeneous melt into a mold, wherein the mold, at the contact surface with the melt, does not cool below the glass-forming temperature of the alloy for at least seconds; and cooling the melt below the glass transition temperature of the solid glass forming alloy to obtain the ingot.

IPC 8 full level

**B22D 25/06** (2006.01); **B22D 27/04** (2006.01); **C22C 45/00** (2006.01)

CPC (source: EP US)

**B22C 3/00** (2013.01 - EP US); **B22D 7/005** (2013.01 - EP US); **B22D 25/06** (2013.01 - EP US); **B22D 27/04** (2013.01 - EP US); **C22C 1/02** (2013.01 - EP); **C22C 1/023** (2013.01 - EP); **C22C 1/11** (2023.01 - US); **C22C 16/00** (2013.01 - EP US); **C22C 45/02** (2013.01 - EP); **C22C 45/04** (2013.01 - EP); **C22C 45/10** (2013.01 - EP US)

Cited by

US2022098714A1; US11873548B2

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DOCDB simple family (publication)

**EP 3695920 A1 20200819**; **EP 3695920 B1 20220406**; CN 113382815 A 20210910; CN 113382815 B 20230512; TW 202035718 A 20201001; TW I791947 B 20230211; US 2022118511 A1 20220421; WO 2020164916 A1 20200820

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