

Title (en)
PRODUCTION OF A SILICA GLASS ARTICLE IN A SUSPENDED SHEET METAL CRUCIBLE

Title (de)
HERSTELLUNG EINES QUARZGLASKÖRPERS IN EINEM HÄNGENDEN BLECHTIEGEL

Title (fr)
FABRICATION D'UN CORPS EN VERRE DE SILICE DANS UN CREUSET EN TÔLE SUSPENDU

Publication
EP 3390299 A1 20181024 (DE)

Application
EP 16815832 A 20161216

Priority
• EP 15201117 A 20151218
• EP 2016081435 W 20161216

Abstract (en)
[origin: WO2017103112A1] The invention relates to a method for producing a silica glass article, involving method steps i.) providing a silica granulate, ii.) forming a glass melt from the silica granulate in a furnace, and iii.) forming a silica glass article from at least some of the glass melt, the furnace including a suspended sheet metal crucible. The invention further relates to a silica glass article that can be obtained by said method. The invention also relates to an optical waveguide, an illuminant and a molded article, each of which can be obtained by further processing the silica glass article.

IPC 8 full level
C03B 20/00 (2006.01); **C03B 5/06** (2006.01); **C03B 17/04** (2006.01); **C03B 19/10** (2006.01); **C03B 37/012** (2006.01); **C03C 3/06** (2006.01)

CPC (source: EP KR US)
C01B 33/12 (2013.01 - EP US); **C03B 5/06** (2013.01 - EP KR US); **C03B 17/04** (2013.01 - EP KR US); **C03B 19/106** (2013.01 - EP KR US); **C03B 19/14** (2013.01 - US); **C03B 20/00** (2013.01 - EP KR US); **C03B 37/01211** (2013.01 - EP KR US); **C03C 1/022** (2013.01 - EP US); **C03C 3/06** (2013.01 - EP KR US); **C03C 12/00** (2013.01 - EP US); **C01P 2004/51** (2013.01 - US); **C01P 2006/10** (2013.01 - US); **C01P 2006/11** (2013.01 - US); **C01P 2006/14** (2013.01 - US); **C03B 2201/02** (2013.01 - KR); **C03B 2201/04** (2013.01 - US); **C03B 2201/20** (2013.01 - US); **C03B 2201/32** (2013.01 - US); **C03B 2201/40** (2013.01 - US); **C03B 2207/81** (2013.01 - US); **C03B 2207/90** (2013.01 - US); **C03C 2201/02** (2013.01 - EP US); **C03C 2201/11** (2013.01 - EP US); **C03C 2201/26** (2013.01 - EP US); **C03C 2201/32** (2013.01 - EP US); **C03C 2201/54** (2013.01 - EP US); **C03C 2203/10** (2013.01 - EP KR US); **C03C 2203/40** (2013.01 - EP US); **C03C 2203/44** (2013.01 - EP US); **C03C 2203/50** (2013.01 - EP US); **G01N 21/412** (2013.01 - EP); **Y02P 40/57** (2015.11 - EP)

Citation (search report)
See references of WO 2017103112A1

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 2017103112 A1 20170622; **WO 2017103112 A9 20171123**; CN 108698889 A 20181023; EP 3390299 A1 20181024; JP 2019506349 A 20190307; KR 20180095620 A 20180827; TW 201731780 A 20170916; US 2019077688 A1 20190314

DOCDB simple family (application)
EP 2016081435 W 20161216; CN 201680082115 A 20161216; EP 16815832 A 20161216; JP 2018531073 A 20161216; KR 20187020268 A 20161216; TW 105141756 A 20161216; US 201616062290 A 20161216