

Title (en)

BURNERS FOR PRODUCING BOULES OF FUSED SILICA GLASS

Title (de)

BRENNER ZUR ERZEUGUNG VON KUGELN AUS GESCHMOLZENEM SILIKATGLAS

Title (fr)

BRULEURS SERVANT A PRODUIRE DES BOULES DE VERRE DE SILICE FONDUE

Publication

EP 1140715 A4 20051005 (EN)

Application

EP 99969400 A 19990917

Priority

- US 9921658 W 19990917
- US 10140398 P 19980922

Abstract (en)

[origin: WO0017115A1] Burners (14) are used to make glass bodies (19) from OMCTS. The burners have six concentric regions. Putting certain gases through the regions results in thicker bodies than can be achieved with existing techniques and with improved efficiency.

IPC 1-7

C03B 37/014; **C03B 8/04**; **C03B 19/14**

IPC 8 full level

G02B 6/00 (2006.01); **C03B 8/04** (2006.01); **C03B 19/14** (2006.01)

CPC (source: EP KR)

C03B 19/1423 (2013.01 - EP); **C03B 37/014** (2013.01 - KR); **C03B 2207/06** (2013.01 - EP); **C03B 2207/10** (2013.01 - EP); **C03B 2207/12** (2013.01 - EP); **C03B 2207/14** (2013.01 - EP); **C03B 2207/20** (2013.01 - EP); **C03B 2207/22** (2013.01 - EP); **C03B 2207/24** (2013.01 - EP); **C03B 2207/32** (2013.01 - EP); **C03B 2207/36** (2013.01 - EP); **C03B 2207/42** (2013.01 - EP); **C03B 2207/46** (2013.01 - EP); **C03B 2207/52** (2013.01 - EP); **C03B 2207/70** (2013.01 - EP); **Y02P 40/57** (2015.11 - EP)

Citation (search report)

- [XA] US 5696624 A 19971209 - KOMINE NORIO [JP], et al
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 10 30 November 1995 (1995-11-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 08 29 August 1997 (1997-08-29)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 010, no. 078 (C - 335) 27 March 1986 (1986-03-27)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 08 29 September 1995 (1995-09-29)
- [XA] PATENT ABSTRACTS OF JAPAN vol. 017, no. 270 (C - 1063) 26 May 1993 (1993-05-26)
- See references of WO 0017115A1

Designated contracting state (EPC)

DE ES FR GB NL

DOCDB simple family (publication)

WO 0017115 A1 20000330; EP 1140715 A1 20011010; EP 1140715 A4 20051005; JP 2002526363 A 20020820; KR 20010079889 A 20010822

DOCDB simple family (application)

US 9921658 W 19990917; EP 99969400 A 19990917; JP 2000574032 A 19990917; KR 20017003641 A 20010321