

Title (en)

SKULL POT FOR MELTING OR REFINING INORGANIC SUBSTANCES, ESPECIALLY GLASSES AND GLASS CERAMICS

Title (de)

SKULLTIEGEL FÜR DAS ERSCHMELZEN ODER DAS LAÜTERN VON ANORGANISCHEN SUBSTANZEN, INSBESONDERE VON GLÄSERN UND GLASKERAMIKEN

Title (fr)

CREUSET A FOND REFROIDI SERVANT A LA FUSION OU A L'AFFINAGE DE SUBSTANCES MINERALES, EN PARTICULIER DE VERRES ET DE VITROCERAMIQUES

Publication

**EP 1206421 A1 20020522 (DE)**

Application

**EP 00960465 A 20000816**

Priority

- DE 19939781 A 19990821
- EP 0007987 W 20000816

Abstract (en)

[origin: DE19939781A1] Skull crucible (1) comprises a wall (1.1), a base (1.2) and an induction coil (2) surrounding the wall and via which high frequency energy is coupled to contents of the crucible. The crucible wall is formed of a crown or metal tubes for the coolant. Intermediate spaces are formed between neighboring metal tubes. The base has a run-off connected to a sleeve (4). The inlet end (4.1) of the sleeve protrudes into the inner chamber of the crucible so that the melt can be removed through the base without the danger of impairing its quality. Preferred Features: The upper edge of the sleeve is at a height of between a tenth to a half of the melt height measured from the base of the crucible.

IPC 1-7

**C03B 5/26**; C03B 5/02; C03B 5/225; C03B 5/44; H05B 6/22

IPC 8 full level

**C03B 5/08** (2006.01); **C03B 5/02** (2006.01); **C03B 5/225** (2006.01); **C03B 5/26** (2006.01); **C03B 5/44** (2006.01)

CPC (source: EP KR US)

**C03B 5/021** (2013.01 - EP US); **C03B 5/225** (2013.01 - EP KR US); **C03B 5/26** (2013.01 - EP US); **C03B 5/44** (2013.01 - EP US); **C03B 2211/71** (2013.01 - EP US)

Citation (search report)

See references of WO 0114268A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**DE 19939781 A1 20010222**; **DE 19939781 C2 20030618**; AU 7276500 A 20010319; EP 1206421 A1 20020522; JP 2003507314 A 20030225; KR 20020038727 A 20020523; US 6889527 B1 20050510; WO 0114268 A1 20010301

DOCDB simple family (application)

**DE 19939781 A 19990821**; AU 7276500 A 20000816; EP 0007987 W 20000816; EP 00960465 A 20000816; JP 2001518369 A 20000816; KR 20027001999 A 20020215; US 4995202 A 20020604