

Title (en)

HIGH FREQUENCY INDUCTION MELTING FURNACE AND METHOD OF PREPARING CERAMIC MATERIALS WITH SUCH A FURNACE

Publication

**EP 0119877 B1 19880210 (FR)**

Application

**EP 84400249 A 19840206**

Priority

FR 8302328 A 19830214

Abstract (en)

[origin: ES8502249A1] Process for the production of ceramic materials by high frequency induction melting. The powder containing the various components of the material to be prepared is introduced in a continuous manner into an aperiodic high frequency electric furnace, whose single flat coil serves both as the induction system and the cold crucible, the molten material also being continuously removed from the furnace in a chute passing through the coil.

IPC 1-7

**H05B 6/22**; **H05B 6/36**

IPC 8 full level

**C03B 5/02** (2006.01); **F27B 14/06** (2006.01); **H05B 6/02** (2006.01); **H05B 6/22** (2006.01)

CPC (source: EP US)

**H05B 6/22** (2013.01 - EP US)

Cited by

AU625599B2; AU623763B2; DE10041759A1; DE19939772C1; EP0387374A1; EP0501143A1; US5324355A; US5614011A; US5268925A; US5430757A; EP0526685A3; US5526375A; FR2797440A1; US6577667B1

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**FR 2540982 A1 19840817**; **FR 2540982 B1 19880205**; BR 8400588 A 19840918; CA 1240727 A 19880816; DE 3469335 D1 19880317; EP 0119877 A1 19840926; EP 0119877 B1 19880210; ES 529710 A0 19841216; ES 8502249 A1 19841216; JP H0517473 B2 19930309; JP S59176582 A 19841005; MX 156545 A 19880908; US 4610017 A 19860902

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