

Title (en)

MELTING FURNACE WITH SIMULTANEOUSLY ROTATABLE AND MOVABLE ELECTRODE ROD

Title (de)

SCHMELZOFEN MIT GLEICHZEITIG ROTIERBARER UND VERFAHRBARER ELEKTRODENSTANGE

Title (fr)

FOUR DE FUSION POURVU D'UNE TIGE D'ÉLECTRODE ROTATIVE ET DÉPLAÇABLE SIMULTANÉMENT

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019091994A1] Melting furnace (1), in particular for producing metal alloys by melting alloying constituents, comprising a melting crucible (10), a cylindrical electrode rod (40) with a consumable electrode (41) attached thereto and a power supply (50), which is designed to supply power to the electrode (41) via the electrode rod (40), wherein the electrode rod (40) is rotatable about its own axis and movable along its own axis during the melting process.

IPC 8 full level

F27B 3/08 (2006.01); **F27B 3/20** (2006.01); **F27D 11/10** (2006.01); **H05B 7/10** (2006.01)

CPC (source: EP KR RU US)

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Citation (search report)

See references of WO 2019091994A1

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Designated extension state (EPC)

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WO 2019091994 A1 20190516; BR 112020005917 A2 20200929; BR 112020005917 B1 20230321; CA 3079360 A1 20190516; CA 3079360 C 20230613; CN 111356890 A 20200630; EP 3707451 A1 20200916; JP 2021501834 A 20210121; KR 102437050 B1 20220826; KR 20200068720 A 20200615; RU 2748757 C1 20210531; US 11371779 B2 20220628; US 2020355435 A1 20201112; WO 2019092005 A1 20190516; ZA 202001387 B 20210428

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