

Title (en)

Bearing device with at least a furnace bearing means

Title (de)

Lagervorrichtung mit wenigstens einem Ofenlagermittel

Title (fr)

Dispositif de palier avec au moins un moyen de roulement pour four

Publication

**EP 1679140 A1 20060712 (DE)**

Application

**EP 05028344 A 20051223**

Priority

DE 102005001081 A 20050108

Abstract (en)

A device for feeding a continuously cast bar (12) on a movable bearing surface (64,66) into a furnace (10) has a bearing axis section (52,54) in at least one bearing zone (56,58) in a predetermined operating position of a furnace feeder (48,50) arranged at least partly under an axis section (60,62) of feeder (48,50) in the region of bearing surface (64,66). An independent claim is also included for a furnace having the above feed device and used for heating a continuously cast bar, the furnace (10) having a heating zone (26) with one or more pre-heating zones (22,24) positioned above zone (26) and with zones (22 and (26) thermally connected by a passage (28) such that bar (12) can be led from pre-heating zone (22) into heating zone (26).

IPC 8 full level

**B21J 17/00** (2006.01); **B65G 13/04** (2006.01); **B65G 13/11** (2006.01); **F27B 9/24** (2006.01)

CPC (source: EP)

**B21J 17/00** (2013.01); **F27B 9/20** (2013.01); **F27B 9/2469** (2013.01)

Citation (applicant)

DE 202004006551 U1 20040715 - EXPERT ENGINEERING GMBH [DE]

Citation (search report)

- [X] US 2781891 A 19570219 - BLOOM QUENTIN M
- [A] DE 1902222 A1 19700730 - SOFIM SAAR SAAROFENBAU F IND U
- [A] US 4582482 A 19860415 - PATALON HEINRICH [DE]

Designated contracting state (EPC)

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