

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)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1679140 A1 20060712; DE 102005001081 A1 20060727

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EP 05028344 A 20051223; DE 102005001081 A 20050108