

Title (en)

METHOD AND DEVICE FOR TRANSPORTING A DUMMY BAR INTO A CLOSING POSITION AT THE EXIT OF A CONTINUOUS CASTING MOULD FOR LIQUID METAL, ESPECIALLY FOR LIQUID STEEL

Title (de)

VERFAHREN UND EINRICHTUNG ZUM TRANSPORTIEREN EINES ANFAHRELEMENTES IN EINE VERSCHLISSSTELLUNG AM AUGSGANG EINER STRANGGIESSKOKILLE FÜR FLÜSSIGES METALL, INSBESONDERE FÜR FLÜSSIGEN STAHL

Title (fr)

PROCEDE ET DISPOSITIF DE TRANSPORT D'UNE FAUSSE BARRE DANS UNE POSITION DE FERMETURE A LA SORTIE D'UNE COQUILLE DE COULEE CONTINUE DE METAL LIQUIDE, NOTAMMENT D'ACIER LIQUIDE

Publication

EP 1419023 B1 20060830 (DE)

Application

EP 02751131 A 20020710

Priority

- DE 10133755 A 20010711
- EP 0207690 W 20020710

Abstract (en)

[origin: WO03008130A1] The invention relates to a method and a device for transporting a dummy bar (1) into a continuous casting mould (3) for liquid metal. A conjoined casting strand is transported out of the casting mould by means of a back-up roll stand (4). According to the invention, the cumbersome system which uses dummy bars with a dummy bar head (6) is replaced by a more simple system, whereby a dummy bar head (6) is moved into the continuous casting mould (3) in overlapping intervals by means of at least one self-driven mechanism which is supported respectively by components of the back-up roll stand or accessory devices. Said dummy bar head (6) is continuously transported by opposing movements out of the oscillating continuous casting mould (3) between pairs of non-driven back-up rolls by means of the self-driven mechanism.

IPC 8 full level

B22D 11/08 (2006.01)

CPC (source: EP)

B22D 11/081 (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03008130 A1 20030130; AT E337871 T1 20060915; DE 10133755 A1 20030130; DE 50208018 D1 20061012; EP 1419023 A1 20040519; EP 1419023 B1 20060830

DOCDB simple family (application)

EP 0207690 W 20020710; AT 02751131 T 20020710; DE 10133755 A 20010711; DE 50208018 T 20020710; EP 02751131 A 20020710