



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
13.03.2024 Bulletin 2024/11

(51) International Patent Classification (IPC):
B22D 11/00 (2006.01) B22D 11/06 (2006.01)

(43) Date of publication A2:
07.02.2024 Bulletin 2024/06

(52) Cooperative Patent Classification (CPC):
**B22D 11/0602; B22D 11/003; B22D 11/0605;
B22D 11/0608; B22D 11/0631; B22D 11/0677;
B22D 11/0685; B22D 11/0688**

(21) Application number: **23208638.9**

(22) Date of filing: **13.01.2021**

(84) Designated Contracting States:
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO
PL PT RO RS SE SI SK SM TR**
Designated Extension States:
BA ME
Designated Validation States:
KH MA MD TN

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(30) Priority: **13.01.2020 IT 202000000457**

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(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
21151431.0 / 3 848 133

(54) **APPARATUS AND PROCESS FOR PRODUCING METAL BARS THROUGH CONTINUOUS
CASTING**

(57) The apparatus (10) for producing metal bars through continuous casting comprises a chain of lower die halves (3) and an upper closure system (5) in turn comprising a die-closing belt (9) which in the rectilinear casting stretch (13), closes the lower die halves (3) at the top. The apparatus (10) further comprises a first direction change support (23) and a cooling system (40) comprising one or more first nozzles (41) each of which is configured for striking the die halves (3) with a jet of air or other cooling gas at least at part of the casting stretch (13), so as to cool the casting.

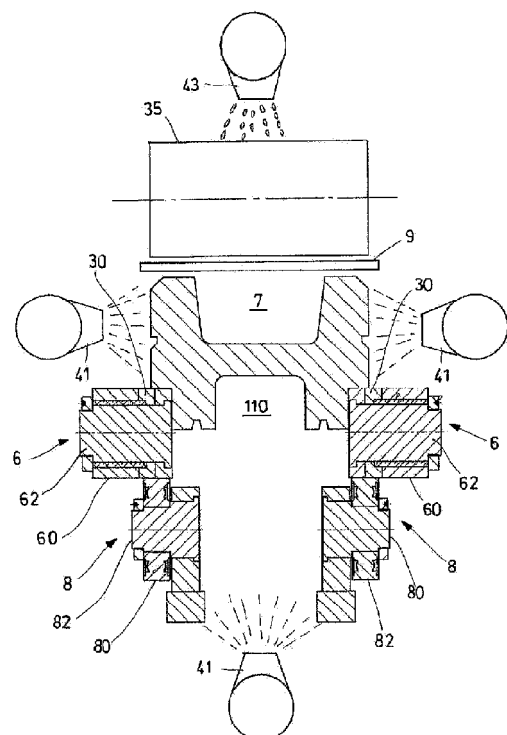


Fig.5

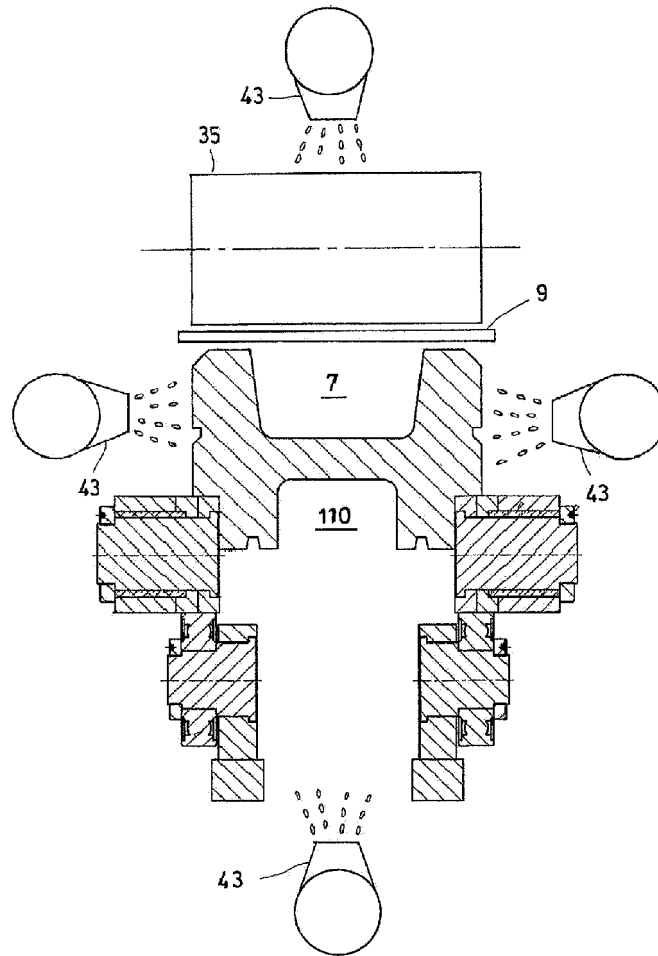


Fig.6



EUROPEAN SEARCH REPORT

Application Number

EP 23 20 8638

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EPO FORM 1503 03.82 (P04C01)

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			TECHNICAL FIELDS SEARCHED (IPC)
			B22D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 31 January 2024	Examiner Porté, Olivier
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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5 This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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31-01-2024

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