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EUROPEAN PATENT APPLICATION

21 Application number: 83306522.0

51 Int. Cl.⁴: B 21 B 35/02

22 Date of filing: 26.10.83

30 Priority: 26.10.82 US 436733

43 Date of publication of application:
16.05.84 Bulletin 84/20

88 Date of deferred publication of search report: 15.01.86

84 Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE

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54 Hot mill hydraulic direct roll drive.

57 A rolling mill capable of forming a hot, continuously cast metallic strand into a strip with a large bite and with one pass uses only two small diameter rolls (42), each mounted for rotation in a pair of chock blocks (44) and each having a comparatively narrow, enlarged diameter working portion. An hydraulic motor (46) that produces a large torque at a low rotational speed with good control rotates each roll. The motors are coupled (80) to their associated rolls directly.

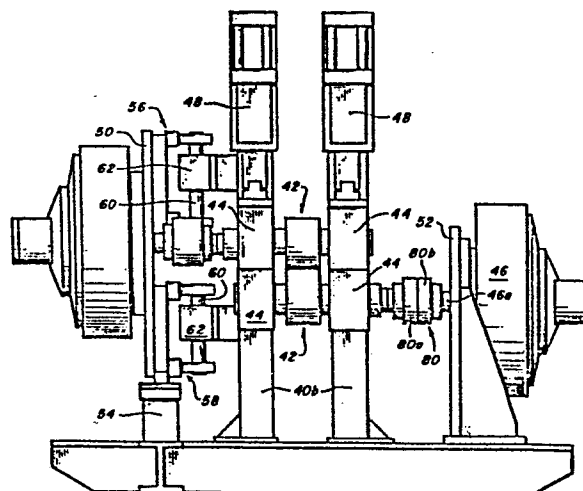


FIG. 5



European Patent
Office

EUROPEAN SEARCH REPORT

0108557
Application number

EP 83 30 6522

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
X	DE-A-2 163 862 (MÜLLER) * Figure 1; pages 1-4; claim 4 * -----	1,3,4	B 21 B 35/02
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			B 21 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 26-09-1985	Examiner NOESEN R. F.
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	