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EUROPEAN PATENT APPLICATION

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B 21 B 13/08

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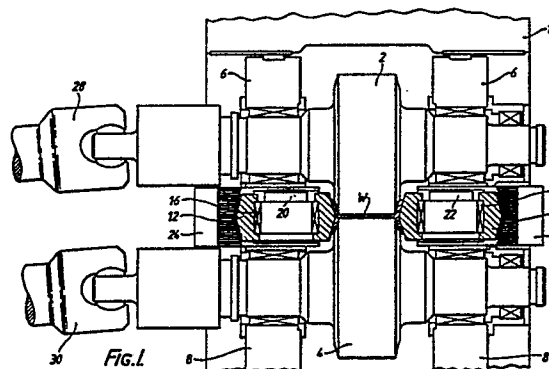
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⑤④ **Improvements in rolling mills.**

⑤⑦ A rolling mill has horizontal (2, 4) and vertical rolls (12, 14) and the horizontal rolls are driven in the conventional manner. The vertical rolls have electric motors (38) associated with them solely to rotate these rolls to a speed where their periphery matches that of the workpiece (W) being rolled so that damage to the vertical rolls and to the workpiece is reduced when the workpiece and the rolls come into engagement.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 87 30 8945

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. 4)
X	DE-A-2 444 630 (INSTITUT TSCHERNOJ METALLURGII) * claim 1; figure 3, position 22 * ---	1,3,4	B 21 B 35/10 B 21 B 13/08
X	DE-B-2 330 334 (TSCHERNOJ METALLURGII) * claims 1, 4; figure 3 * ---	1,4	
A	DE-C-1 118 724 (MOELLER et al.) * claim 1 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 21 B 35/00 B 21 B 13/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 23-04-1988	Examiner SCHLAITZ J
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			