

12 **EUROPEAN PATENT APPLICATION**

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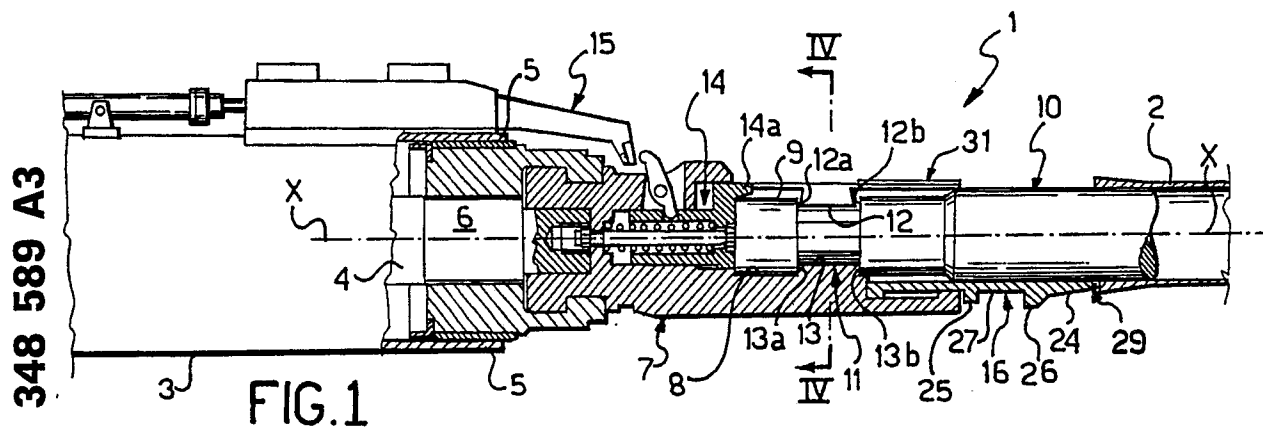
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54 **A pilgrim-process rolling mill.**

57 On a pilgrim-process rolling mill, the mandrel (10) is retained axially on the spindle (7) by engaging shoulders (12, 112) formed circumferentially ar-

ound the mandrel (10) with respective ledges (13,113) on the spindle (7) in abutment relationship therewith.





European Patent
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EUROPEAN SEARCH REPORT

Application Number

EP 89 10 0773

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)
A	DE-A-2 043 812 (INNOCENTI SOCIETA GENERALE) * claims 1,2; figures 1,2,4 * ---	1,2	B 21 B 21/04
A	DE-A-2 003 482 (FA. F. KOCKS) * figure 1 * ---	1	
A	DE-C- 518 506 (E. ROEBER) * figure 1 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 21 B
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 07-05-1990	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			