

EUROPEAN PATENT APPLICATION

Application number: 88309569.7

Int. Cl.⁵ **B21B 1/42, B21B 13/20**

Date of filing: 13.10.88

Priority: 09.11.87 GB 8726208
22.04.88 GB 8809554

Date of publication of application:
17.05.89 Bulletin 89/20

Designated Contracting States:
DE FR GB IT SE

Date of deferred publication of the search report:
29.08.90 Bulletin 90/35

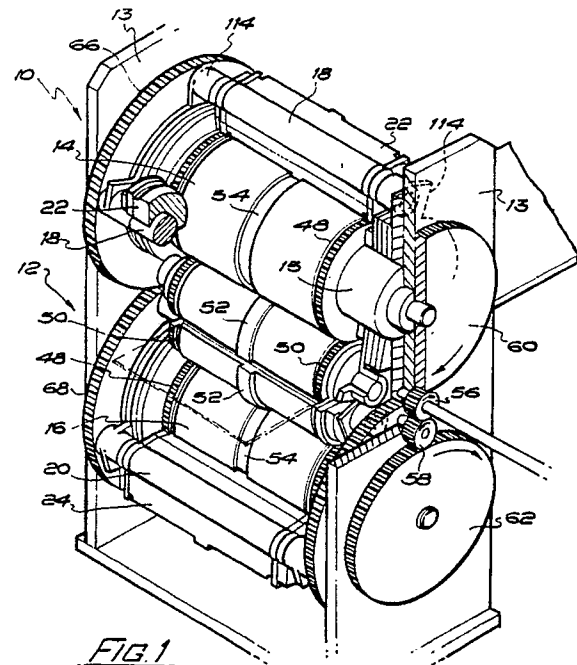
Applicant: **IAN WILSON TECHNOLOGY
LIMITED**
479 Whirlowdale Road
Sheffield S11 9NH(GB)

Inventor: **Wilson, Alexander Ian**
479 Whirlowdale Road
Sheffield S11 9NH(GB)

Representative: **Gura, Henry Alan et al**
MEWBURN ELLIS & CO. 2/3 Cursitor Street
London EC4A 1BQ(GB)

Rolling mill apparatus.

Rolling mill apparatus including a pair of roll assemblies (10,12) each constituted by a rotatably mounted support roll (14,16) and a plurality of work rolls (18,20) spaced around said support roll. So that the mill will be capable of relatively high reductions and will require only a relatively low power input, the work rolls are backed by respective cradle elements (22,24) and means are provided whereby each work roll (18,20) and its respective cradle elements (22,24) are initially positioned in readiness for a bite by the work roll into a workpiece being fed between the roll assemblies, said work roll and cradle element roll together through an arc of movement in which a bite into the workpiece is taken, and said work roll and cradle element are then caused to precess around the support roll (14,16) to their initial positions relative to said support rolls.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 88 30 9569

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	US-A-3 595 054 (SENDZIMIR) * Columns 1-4; figures 1-3,5,6,8 * ---	1,3	B 21 B 1/42 B 21 B 13/20
A	DE-C- 84 778 (MANNESMANN) * Pages 3,4; figures 9-13 * -----	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			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 19-06-1990	Examiner ROSENBAUM H. F. J.
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>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</div><div>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</div></div>			