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12.07.89 Bulletin 89/28(71) Applicant: **ALFORM ALLOYS LIMITED**  
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Holton Heath Poole Dorset BH16 6LF(GB)(72) Inventor: **Maddock, Brian**  
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**BATCHELLOR, KIRK & EYLES** 2 Pear Tree  
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London EC1R 0DS(GB)(54) **Extrusion apparatus.**

(57) An extrusion apparatus is described in which a removable die 12 is located in a die chamber 7 within a body 6 of the apparatus. A passageway 26 leads from an inlet 25 for extrusion material to the die chamber 7. A general squared-section sealing ring 30 is positioned in the passageway adjacent to the die 12. The sealing member 30 has the corner next to the face of the die 12 and passageway wall 26 chamfered, so that extrusion material pressing against the sealing ring forces that ring into sealing engagement with the die face and passageway wall in order to prevent undesirable flow of extrusion material about the die into the die chamber.

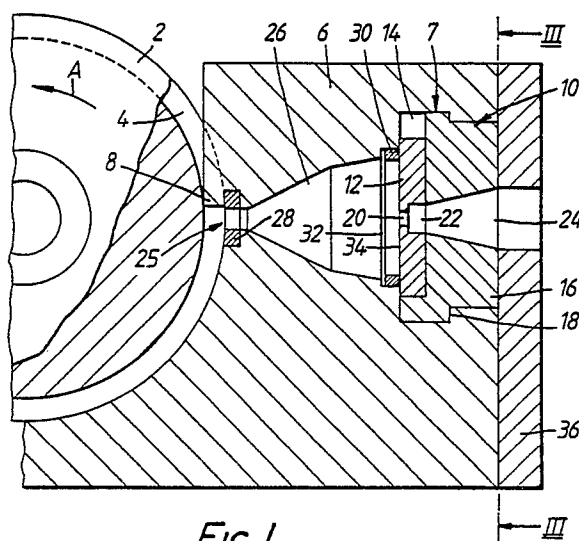


Fig. 1.

EP 0 233 064 A3



EP 87 30 1028

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)
Y	GB-A-2 143 166 (BICC) * Page 1, lines 121-127; claims; figures 4,5 * ---	1-4	B 21 C 23/00 B 21 C 25/02
Y	US-A-2 415 696 (KLOCKE) * Column 3, lines 34-75; column 4, line 73 - column 5, line 12; figures 1-7 * ---	1-3	
Y	GB-A-1 520 669 (ASEA) * Page 2, lines 51-65; figure 3 * ---	4	
A	PATENT ABSTRACTS OF JAPAN, vol. 8, no. 148 (M-308)[1585], 11st July 1984; & JP-A-59 45 020 (SUMITOMO JUKIKAI KOGYO K.K.) 13-03-1984 ---		
A	EP-A-0 131 426 (BICC) ---		
D,A	EP-A-0 110 653 (ALFORM ALLOYS LTD) ---		
D,A	GB-A-1 370 894 (U.K.A.E.A.) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 21 C F 16 J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 25-04-1989	Examiner THE K.H.
<b>CATEGORY OF CITED DOCUMENTS</b> 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			