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**EUROPEAN PATENT APPLICATION**

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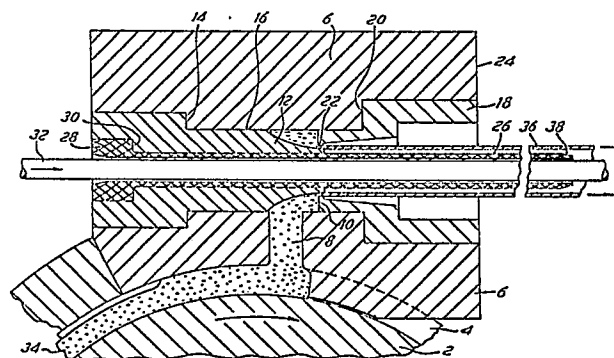
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㉚ **Continuous extrusion apparatus.**

㉛ Apparatus for the continuous extrusion of metal cladding (36) on to a thermally sensitive, continuous core (32) in which feed (34) is introduced into a circumferential groove (4) in a rotating wheel (2) to contact arcuate tooling (6) and an abutment. The feed is constrained by the abutment to flow through an orifice (8) to an extrusion chamber (10) around a hollow, open ended, portal mandrel (12) to extrude through an annular orifice (22). A shroud (26) of high thermal insulation properties, such as a braided glass fibre sleeve, is interposed between the interior of the cladding (36) and the core (32) and is of a thickness and length sufficient to limit to an acceptable rate transfer from the extruded cladding (36) of heat generated by extrusion to the temperature sensitive core (32).





European Patent  
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# EUROPEAN SEARCH REPORT

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Application Number

EP 86 30 3967

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	GB-A- 410 624 (SIEMENS-SCHUCKERTWERKE) * The whole document * ---	1-6	B 21 C 23/24 B 21 C 23/30
X	GB-A- 649 708 (JOHNSON & PHILLIPS LTD) * The whole document * ---	1	
X	PATENT ABSTRACTS OF JAPAN, vol. 9, no. 98 (M-375)[1821], 27th April 1985; & JP-A-59 223 114 (FURUKAWA DENKI KOGYO K.K.) 14-12-1984 * Abstract * ---	1	
D,X	EP-A-0 125 788 (BABCOCK WIRE EQUIPMENT) * Page 5, line 10 - page 7, line 11; claims 1-6; figure 4 * ---	1	
A	GB-A- 631 127 (STANDARD TELEPHONES) * Figures * ---	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	US-A-3 073 441 (PAOLO GAZZANA) * Figures * -----	1	B 21 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 14-12-1988	Examiner VOUSADOPOULOS C.
<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			