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④ Continuous press with low-friction sliding device.

⑤ A continuous press device comprises metal belts (14, 15) shaped into a ring which slide with their sections facing each other and each close to a plate (12, 13) of a press. Disposed between each plate (12, 13) of the press and the respective section of belt (14, 15) are supporting devices (17, 18) to enable it to slide with a minimum of friction.

Each sliding device (17, 18) comprises a plurality of parallel pins (21, 21') each being provided with

a row of roller bearings (22, 22'). Rollers (25, 25') are freely supported to rest on each adjacent row of bearings (22, 22') and on the relative section of the belt (14, 15) facing the plate of the press. Moreover, in axial passages in the rollers (25, 25') heat is generated in material (16) which is subjected to pressure between the belts (14, 15) by means of heating elements (16, 26') or by the direct flow of heated fluid.

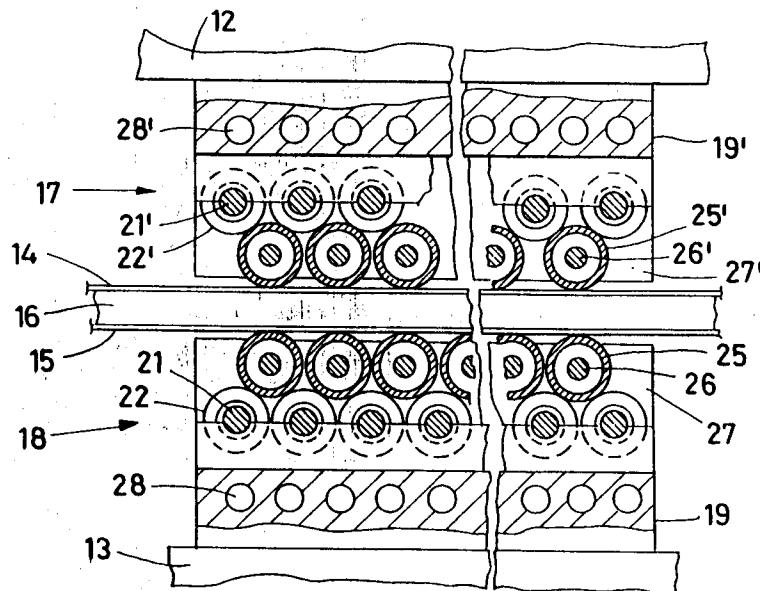


Fig. 4



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EUROPEAN SEARCH REPORT

Application Number

EP 91 20 3071

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl.5)		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim			
X	DE-A-2 853 285 (THEODOR HYMMEN KG.) * the whole document *	1, 6	B30B5/06		
Y	---	2-5			
Y	DE-A-3 028 145 (MASCHINENFABRIK J. DIEFFENBACHER GMBH) * the whole document *	2-5			
A	FR-A-2 142 546 (KONSTRUKTIEWERKHUIZEN DE METS N.V.) * figures *	1			
A	GB-A-740 671 (M. WEISS) * figures *	1			
A	DE-A-3 042 972 (MASCHINENFABRIK J. DIEFFENBACHER GMBH) * claims; figures *	2-5			
A	FR-A-2 513 177 (SANTRADE LTD.) * claims; figures *	2-5	TECHNICAL FIELDS SEARCHED (Int. Cl.5)		
	-----		B30B		
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Examiner			
THE HAGUE	19 AUGUST 1992	VOUTSADOPoulos K.			
CATEGORY OF CITED DOCUMENTS	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				
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					