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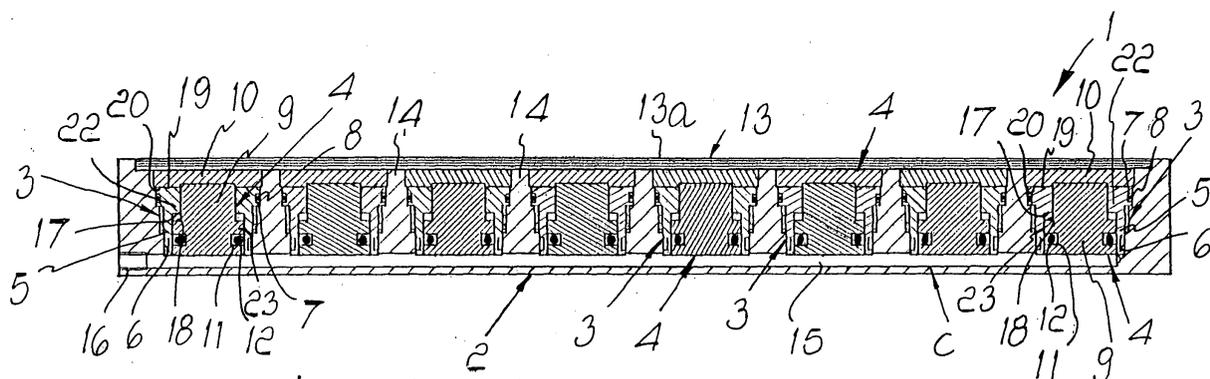
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(54) **Mold part for unidirectional pressing of loose materials, particularly ceramic mixes**

(57) A mold part (1) for unidirectional pressing of loose materials, particularly ceramic mixes, comprising: a substantially plate-like body (2), in which there are a plurality of receptacles (3), each receptacle accommodating a respective piston (4) so that it can slide axially; a wall (13), which is associated with the side of the body at which the crowns of the pistons are exposed and is

adapted to act on the materials to be pressed; and a circuit (C) with a fluid medium, which is associated with the receptacles (3) for the actuation of the respective pistons, the receptacles being provided with at least one surface (19) for stopping the stroke of the pistons, which is adapted to interact with a corresponding abutment surface (20) formed in the pistons.





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.7)
X	IT 1 257 667 B (FIORANO MODANESE) 1 February 1996 (1996-02-01) * page 10, line 14 - page 11, line 16; figures 1,3 * -----	1-8,14, 18,19, 22,26,28	B28B3/00 B28B3/02
A	EP 0 865 888 A (ANNOVI S.R.L) 23 September 1998 (1998-09-23) * claims 1-4; figures 1,2 * -----	1	
A	EP 0 759 346 A (CAMORANI, CARLO, ANTONIO; ALGERI, MARIS; CAMORANI, CARLO ANTONIO) 26 February 1997 (1997-02-26) * claim 1; figures 2,3 * -----	1	
A	EP 0 780 202 A (F.D.S. S.R.L) 25 June 1997 (1997-06-25) * claims 1,2; figures 5,6 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B28B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 28 July 2005	Examiner Boone, J
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 01 9638

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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28-07-2005

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
IT 1257667	B	01-02-1996	NONE	

EP 0865888	A	23-09-1998	IT M0970043 A1	18-09-1998
			DE 69817049 D1	18-09-2003
			EP 0865888 A1	23-09-1998

EP 0759346	A	26-02-1997	IT 1280093 B1	29-12-1997
			IT 1280100 B1	29-12-1997
			IT 1280103 B1	29-12-1997
			EP 0759346 A1	26-02-1997
			ES 2166860 T3	01-05-2002

EP 0780202	A	25-06-1997	IT 1279893 B1	18-12-1997
			DE 69603568 D1	09-09-1999
			EP 0780202 A2	25-06-1997
			ES 2136966 T3	01-12-1999
			US 5786003 A	28-07-1998
