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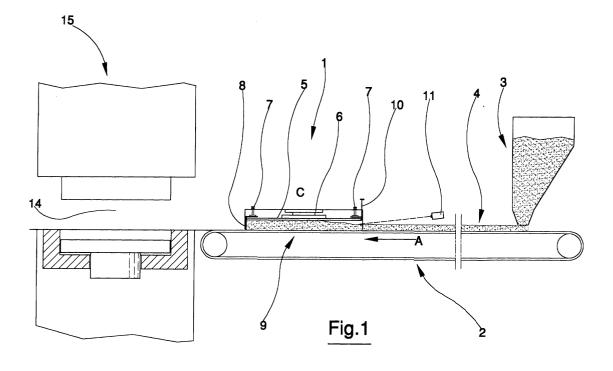
(71) Applicant: Cerservice S.r.I. 41049 Sassuolo, Modena (IT) (72) Inventor: Spadoni, Giuliano 42019 Scandiano, Reggio Emilia (IT)

(74) Representative: Gotra, Stefano BUGNION S.p.A. Via Emilia Est 25 41100 Modena (IT)

(54) A device for forming a soft load of ceramic powders

(57) The device comprises: a mobile conveyor plane (2) moving in an advancement direction (A); means (3) for depositing a layer of ceramic powders (4) on the mobile conveyor plane (2); a mobile upper surface (5) commandable to move in a vertical direction, arranged superiorly to the mobile conveyor plane (2) and located downstream with respect to advancement direction (A) of the means (3) for depositing a layer of

ceramic powders (4); a barrier (8) developing peripherally of the mobile upper surface (5) for delimiting a forming die (9) for a soft load of ceramic powders, which forming die (9) is inferiorly closed by the mobile conveyor plane (2); the barrier (8) comprising a wall (10) which is vertically mobile, for opening and closing a side of the forming die (9) which is located upstream with respect to the advancement direction (A) of the barrier (8).





EUROPEAN SEARCH REPORT

Application Number EP 03 42 5301

		ERED TO BE RELEVANT			
Category	Citation of document with ir of relevant passa	idication, where appropriate, ges	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
Х	US 5 862 612 A (BIE 26 January 1999 (19 * column 7, line 54 figures 14-18 *	LFELDT ET AL) 99-01-26) - column 8, line 19;	1	B28B13/02 B28B3/00	
Α	EP 0 995 562 A (RON 26 April 2000 (2000 * the whole documer	-04-26)	1		
Α	WO 96/15888 A (CAMC ALGERI, MARIS) 30 M * the whole documer	RANI, CARLO, ANTONIO; lay 1996 (1996-05-30) t *	1		
				TECHNICAL FIELDS SEARCHED (Int.CI.7)	
	The present search report has I	peen drawn up for all claims			
	Place of search	Date of completion of the search		Examiner	
	The Hague	4 March 2005	·		
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another to the same category inclogical background written disclosure mediate document	E : earlier paten after the filing ner D : document cit L : document cit	Liping the tour public the tou	invention ished on, or	

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

EP 03 42 5301

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 The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-03-2005

	Patent document ed in search report		Publication date		Patent family member(s)	Publication date
US	5862612	A	26-01-1999	DE AU CA CN DE DE FR GB IT JP SE SE US	19535315 A1 717851 B2 6063996 A 2185733 A1 1157846 A ,C 19537286 A1 19710708 A1 19710711 A1 2739104 A1 2305436 A MI961584 A1 9111246 A 517310 C2 9602059 A 5887514 A	27-03-199 06-04-200 27-03-199 23-03-199 27-08-199 05-06-199 17-09-199 28-03-199 28-04-199 26-01-199 28-04-199 21-05-200 23-03-199
EP	0995562	Α	26-04-2000	EP	0995562 A1	26-04-200
WO	9615888	A	30-05-1996	IT AU BR CN DE WO EP	M0940159 A1 4174396 A 9509806 A 1173154 A ,C 69529997 D1 9615888 A1 0793565 A1	22-05-199 17-06-199 21-10-199 11-02-199 24-04-200 30-05-199 10-09-199

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