



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
29.06.2005 Bulletin 2005/26

(51) Int Cl.7: **B28B 3/00**, B28B 15/00,
B28B 5/02, B28B 3/02

(43) Date of publication A2:
02.01.2004 Bulletin 2004/01

(21) Application number: **03076787.5**

(22) Date of filing: **10.06.2003**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IT LI LU MC NL PT RO SE SI SK TR
Designated Extension States:
AL LT LV MK

(72) Inventor: **Bigi, Ermes,**
c/o L.B. Officine Meccaniche S.p.A.
41042 Fiorano Modenese (Modena) (IT)

(30) Priority: **28.06.2002 IT RE20020053**

(74) Representative: **Corradini, Corrado et al**
Ing. C. Corradini & C. S.R.L.
Via Dante Alighieri 4
I-42100 Reggio Emilia (IT)

(71) Applicant: **L.B. Officine Meccaniche S.p.A.**
41042 Fiorano Modenese (Modena) (IT)

(54) **Plant for creating pre-compacted ceramic powder blanks and for feeding them to the forming cavity of a press**

(57) Plant for creating precompacted ceramic powder blanks and feeding them to the forming cavity of a press, comprising a conveying line for at least one mould, along which there are provided a powder loading station, a precompacting station and a discharge station positioned along said conveyor, means within said load-

ing, precompacting and discharge stations to drive the mould parts, means for removing the precompacted blank from the mould, means for transferring said blank onto the forming cavity of a press and means for transferring said at least one mould from that end to the other end of said conveyor.

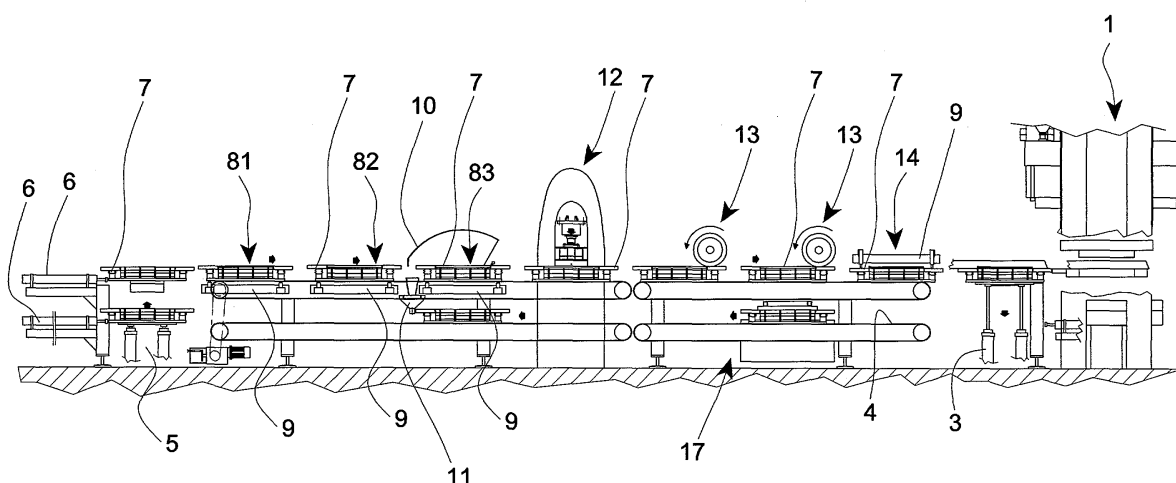


FIG. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 07 6787

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)
A	WO 96/15888 A (CAMORANI, CARLO, ANTONIO; ALGERI, MARIS) 30 May 1996 (1996-05-30) * abstract *	1	B28B3/00 B28B15/00 B28B5/02 B28B3/02
A	EP 0 997 248 A (CAMORANI, CARLO ANTONIO; ALGERI, MARIS) 3 May 2000 (2000-05-03) -----		
A	EP 0 927 687 A (ALGERI, MARIS; CAMORANI, CARLO ANTONIO) 7 July 1999 (1999-07-07) -----		
A	NL 8 802 568 A (HUBERT SNEEK MACHINEFABRIEK B.V. TE SNEEK) 16 May 1990 (1990-05-16) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B28B
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		4 May 2005	Roberts, P
<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</p> <p>& : member of the same patent family, corresponding document</p>			

2
EPO FORM 1503 03.82 (P04C01)

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

EP 03 07 6787

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.

04-05-2005

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9615888	A	30-05-1996	IT	M0940159 A1	22-05-1996
			AU	4174396 A	17-06-1996
			BR	9509806 A	21-10-1997
			CN	1173154 A ,C	11-02-1998
			DE	69529997 D1	24-04-2003
			WO	9615888 A1	30-05-1996
			EP	0793565 A1	10-09-1997

EP 0997248	A	03-05-2000	IT	M0980196 A1	28-03-2000
			IT	M0980197 A1	28-03-2000
			IT	M0980261 A1	22-06-2000
			IT	M0980262 A1	22-06-2000
			EP	0997248 A2	03-05-2000
			AT	270608 T	15-07-2004
			DE	69918511 D1	12-08-2004
			DE	69824134 D1	01-07-2004
			EP	0927687 A2	07-07-1999
			ES	2223154 T3	16-02-2005

EP 0927687	A	07-07-1999	IT	M0970233 A1	23-06-1999
			IT	M0980196 A1	28-03-2000
			IT	M0980197 A1	28-03-2000
			IT	M0980261 A1	22-06-2000
			IT	M0980262 A1	22-06-2000
			DE	69824134 D1	01-07-2004
			EP	0927687 A2	07-07-1999
			AT	270608 T	15-07-2004
			DE	69918511 D1	12-08-2004
			EP	0997248 A2	03-05-2000
			ES	2223154 T3	16-02-2005

NL 8802568	A	16-05-1990	NONE		

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82