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(54) **Pressure casting line for sanitary articles, and relative mould**

(57) A line for pressure casting sanitary articles in moulds, comprising a structure (2-5) from which there are slidably suspended blocks consisting of two mould parts (120,121) arranged in opposing positions such that one mould part (120) becomes associated with that other mould part (121) forming part of the adjacent block, and means (108) for bringing the blocks one

against the other at one end of the structure and maintaining them locked together in an axial direction, each block supporting at least one further mould part (122) which can be brought into association with the block in a direction perpendicular to the axis of the structure, means (103) being provided between each block and the respective further mould part (122) to lock said at least one further mould (122) part in its closure position.

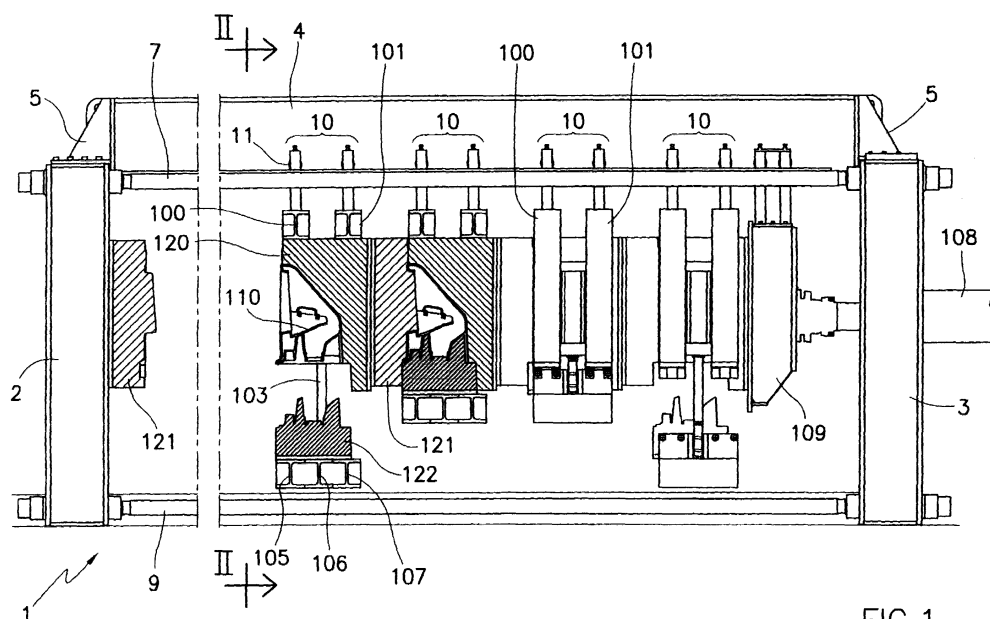


FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
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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)
P,A	GB 2 330 109 A (PORVAIR PLC) 14 April 1999 (1999-04-14) * the whole document *	1-12	B28B1/26 B28B7/00
A	DE 195 20 234 C (NETZSCH ERICH HOLDING) 18 July 1996 (1996-07-18) * the whole document *	1,11	
A	US 4 884 959 A (ITO HARUYUKI ET AL) 5 December 1989 (1989-12-05) * the whole document *	11,12	
A	US 4 913 640 A (SPIELER GEROLD ET AL) 3 April 1990 (1990-04-03) * the whole document *	1	
			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		16 April 2002	Orij, J
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 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 & : member of the same patent family, corresponding document			

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

EP 99 20 3520

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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16-04-2002

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2330109	A	14-04-1999	NONE	
DE 19520234	C	18-07-1996	DE 19520234 C1	18-07-1996
US 4884959	A	05-12-1989	JP 1608489 C	28-06-1991
			JP 2015364 B	11-04-1990
			JP 63031709 A	10-02-1988
			CA 1313941 A1	02-03-1993
			DE 3724609 A1	04-02-1988
			FR 2601894 A1	29-01-1988
			GB 2195286 A , B	07-04-1988
			IT 1222129 B	31-08-1990
			KR 8904630 B1	21-11-1989
			SE 468420 B	18-01-1993
			SE 8702960 A	27-01-1988
			US 5069609 A	03-12-1991
US 4913640	A	03-04-1990	DE 3740163 A1	08-06-1989
			EP 0317721 A2	31-05-1989

EPO FORM P0459

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