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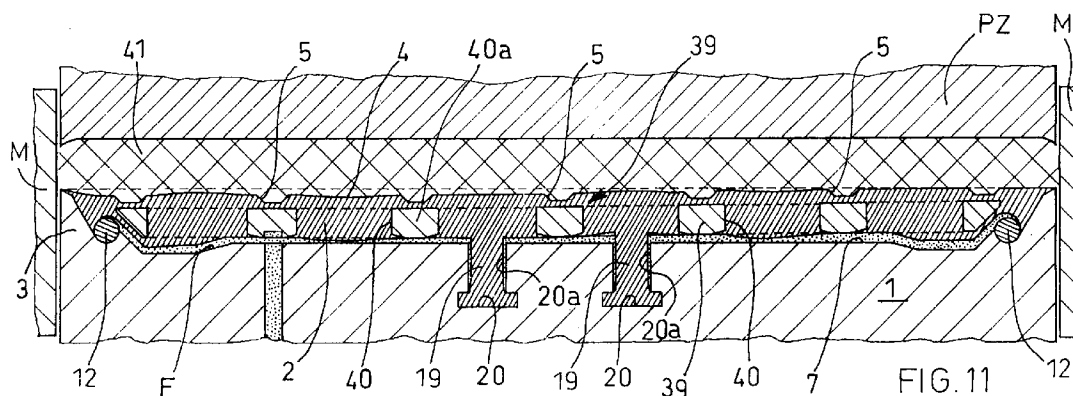
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(54) **Isostatic die for pressing ceramic tiles and method for manufacturing the tiles**

(57) The isobaric die for pressing ceramic tiles comprises a semi-die (1) having a plate (6;39;42;48,48a) delimiting a cavity (7) of the semi-die (1) in which is contained an incompressible fluid (F) and anchored to the said semi-die (1) by means of an elastic component (2;68) sealing the incompressible fluid inside the said cavity, the said plate (6;39;42;48,48a) being free to perform limited displacements closer to, and further from,

the bottom of the cavity (7), the plate (6;39;48,48a) being provided with openings (22a;40;43) passing through it.

This affords the particular advantage of obtaining uniform pressing whilst maintaining a substantially homogeneous thickness of the tile, due to the discontinuities in the plate (6;39;48;48a) acting in a differentiated manner on the various areas of the surface of the membrane (2;68) in function of the loads transmitted locally by the powders during pressing.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 95 20 2233

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.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B28B B30B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 13 May 1996	Examiner Gourier, 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 & : member of the same patent family, corresponding document</p>			

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