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(54) **Method for obtaining relief decorations on ceramic tiles**

(57) The method includes the application of a smooth layer (S), of a material, which can be processed with laser, on punches (40), which are to be mounted on a press (4), and then the cutting of the decoration mold (M) on the layer (S) of a punch (40) by a laser beam controlled by an electronic processor. The so obtained punch (40) is mounted on said press (4) and a series of test tiles are molded. If the result is satisfactory, the production is started by the same punch (40), otherwise, the corrections

are performed and a new mold (M) is cut on the layer (S) of another punch (40).

The punch is substituted and other tests are carried out, until the final decoration is obtained.

It is possible to start the production with the mold (M) defining the final decoration.

When the mold (M) is considered worn, a new mold (M), with the identical decoration, is cut on the layer (S) of another punch (40), which will substitute the punch with the worn mold.

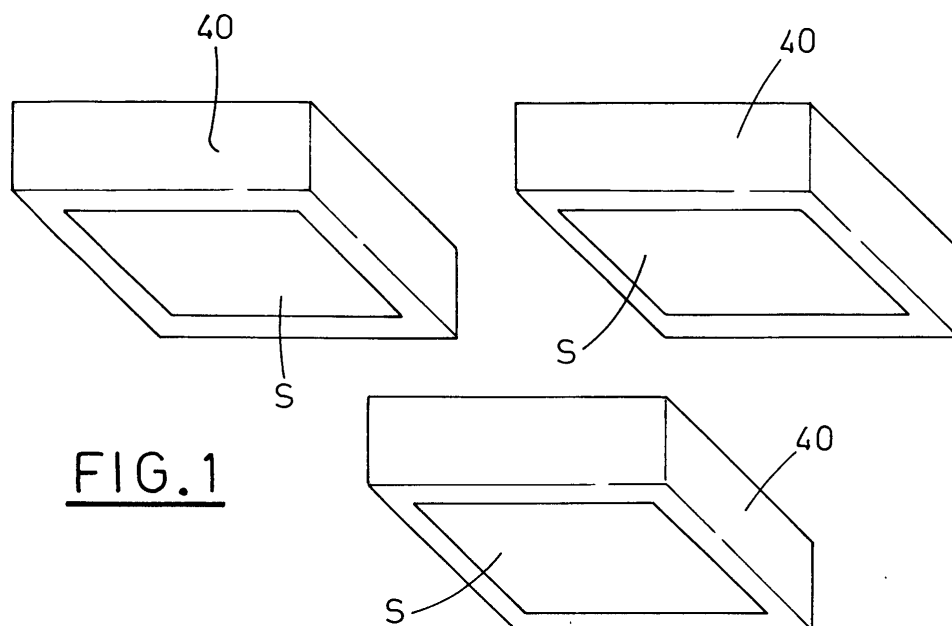


FIG.1

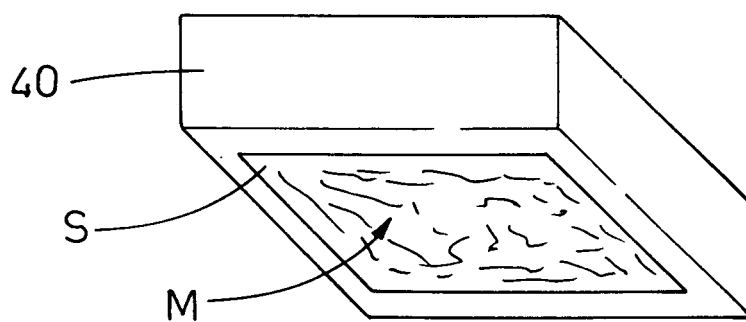


FIG. 2



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 05 02 0414

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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 March 2007	Examiner Labre, Arnaud
CATEGORY OF CITED DOCUMENTS 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 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			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 05 02 0414

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