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(54) **Method of applying a mortar material to a surface.**

(57) Simulated stone products are prepared by spraying a mortar material, in a blast of compressed air, into a mould by means of a gun 10, 14, 16, to which the mortar material is fed via a lateral inlet 12 by a peristaltic pump. Compressed air is supplied to an axially extending pipe 18 within the body 10 of the gun, the pipe 18 terminating, within the body 10, just short of a nozzle 16 from which the mortar spray is ejected. The mortar is effectively "atomised" in the spray, so that individual aggregate particles, such as sand grains, coated with cement, are hurled at high speed, in the spray, against the mould surface or against the previously deposited particle to form a densely packed aggregate layer which, in curing, de-moulding and surface etching or abrasion, closely simulates the appearance of natural stone. The apparatus and method disclosed allow, inter alia, products which are relatively thin and light, and are yet strong, to be produced economically.

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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.5)
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 07 November 90	Examiner GOURIER P.A.
<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 T : theory or principle underlying the invention</p> <p>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> <hr/> <p>& : member of the same patent family, corresponding document</p>			



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EUROPEAN SEARCH REPORT

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EP 90 30 0376

DOCUMENTS CONSIDERED TO BE RELEVANT			
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			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		07 November 90	GOURIER P.A.
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	