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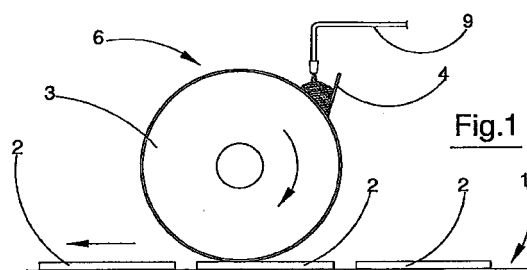
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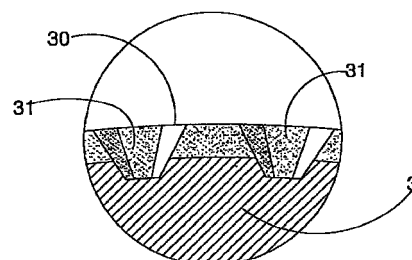
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(54) **An apparatus for depositing layers of glaze and the like on ceramic supports**

(57) The invention comprises a matrix-bearing cylinder (3), mobile in rotation about its own axis, provided with at least one elastically-deformable peripheral part covered with a smooth external cylindrical surface (30) made of a highly elastically deformable elastomer material on which a shape, constituting a matrix, is etched; the shape being composed of a plurality of cells (31). The plurality of cells (31) are connected one to another by communication channels (5). The matrix cylinder (3) rolls undragingly and with a predetermined pressure on a tile surface of a tile (2) transiting on the rest plane (1), and deposits the glaze contained in the cells (31) on the tile surface. A doctor (4) operates contactingly on the smooth external cylindrical surface (30) of the matrix cylinder (3) and scrapes away an excess of glaze deposited thereon and adhering thereto; the doctor (4) combining a scraping and cleaning function with a glaze remixing function; the doctor (4) also having a cell-replenishing function at every revolution of the matrix cylinder (3).



**Fig.1**



**Fig.2**

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# EUROPEAN SEARCH REPORT

Application Number  
EP 99 20 4364

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			B28B B05C
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>24 January 2001</b>	Examiner <b>Orij, J</b>
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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