

Title (en)

An apparatus for depositing layers of glaze and the like on ceramic supports

Title (de)

Vorrichtung zum Aufbringen von Schichten aus Glasur und dergleichen auf keramischen Gegenständen

Title (fr)

Dispositif pour déposer des couches d'émail et de matériaux similaires sur des objets en céramique

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1034905A2] 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 undraggingly 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). <IMAGE> <IMAGE>

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Cited by

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