

Title (en)
A rotary machine for decorating and printing

Title (de)
Rotationsmaschine zum Dekorieren und Drucken

Title (fr)
Machine rotative de décoration et d'impression

Publication
EP 1847364 A1 20071024 (EN)

Application
EP 06425276 A 20060421

Priority
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Abstract (en)
The invention relates to a rotary machine for glazing and decorating in particular ceramic panels. It comprises a mobile infeed device (1) for panels (2) on which operates a matrix cylinder (3) provided with an elastically deformable peripheral part having a smooth external cylindrical external surface (30) made in elastomer material, on which a relief is cut, constituting the matrix, in the form of microscopic cavities (31). A doctor (4), arranged in contact with the cylindrical external surface (30), has the task of scraping away excess liquid and any impurities deposited on the cylindrical external surface (30) as well as the task of remixing the liquid such as at least partially to replenish the cavities (31) with the liquid. The matrix cylinder (3) is positioned on the rest plane (1) such as to roll thereon without dragging on a panel upper surface as the panel transits on the infeed device (1).

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Citation (search report)
[DX] EP 0677364 A1 19951018 - SYFAL SRL [IT]

Cited by
CN106391412A; CN108356963A; CN105457847A; ITMO20100093A1; CN107983582A; CN112221832A; CN112372810A

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