

Title (en)
A glazing machine for ceramic tiles

Title (de)
Eine Maschine zum glasieren von keramischen Fliesen

Title (fr)
Une machine d'émaillage pour carreaux en céramique

Publication
EP 1127667 A3 20030423 (EN)

Application
EP 01830026 A 20010119

Priority
IT MO20000028 A 20000225

Abstract (en)
[origin: EP1127667A2] The glazing machine for ceramic tiles comprises a glaze distributing device (4), predisposed above a tile (3) conveyor plane (2). The glaze is supplied under pressure to a chamber having an outlet (6) which is narrow, straight and elongate in a transversal direction to the advancement direction (F) of the transiting tiles (3). A vertical continuous veil of glaze (7) drops onto the upper surface of the transiting tiles (3) on the conveyor plane (2). The conveyor plane (2) comprises a first conveyor (2a) supplying the tiles (3) and a second conveyor (2b) removing the tiles (3), the first conveyor (2a) being arranged upstream of the glazing zone and the second conveyor (2b) being arranged downstream thereof. The first and second conveyors (2a and 2b) are coplanar and distanced from one another in the advancement direction (F). The invention reduces glaze waste and especially maintain a glaze delivery at a constant level, so that a same quantity of glaze is distributed onto each tile (3). <IMAGE>

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IPC 8 full level
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Citation (search report)
• [X] US 4249478 A 19810210 - GRUENER ROLF [US]
• [XA] GB 1113938 A 19680515 - ROBERT BUERKLE
• [XA] GB 853616 A 19601109 - ROBERT BUERKLE
• [XA] US 6027567 A 20000222 - SUZUKI KENZO [JP]
• [XA] US 3074374 A 19630122 - ROBERT BURKLE
• [A] DE 3320160 A1 19841206 - SCHROEDER INGBUERO GMBH [DE]
• [A] DE 3925016 A1 19910131 - T E M A C S R L [IT]

Cited by
IT202200016131A1; CN110732423A; CN109676768A; IT202100008606A1; CN110732473A; CN114434598A; CN114789108A; EP3838530A1; IT201900024895A1; WO2024023777A1

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