

Title (en)

A glazing machine for ceramic tiles

Title (de)

Vorrichtung zum Glasieren von keramischen Fliesen

Title (fr)

Une machine d'émaillage pour carreaux en céramique

Publication

EP 1127667 A2 20010829 (EN)

Application

EP 01830026 A 20010119

Priority

IT MO20000028 A 20000225

Abstract (en)

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>

IPC 1-7

B28B 11/04; **B05C 5/00**

IPC 8 full level

B05C 5/00 (2006.01); **B28B 11/04** (2006.01)

CPC (source: EP)

B05C 5/005 (2013.01); **B05C 11/1039** (2013.01); **B28B 11/044** (2013.01); **B28B 11/047** (2013.01); **B28B 11/049** (2013.01); **B05C 5/0254** (2013.01)

Cited by

CN110732473A; CN110732423A; CN114434598A; CN114789108A; CN109676768A; IT202100008606A1; EP3838530A1; IT201900024895A1; WO2024023777A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1127667 A2 20010829; **EP 1127667 A3 20030423**; **EP 1127667 B1 20050928**; AT E305377 T1 20051015; DE 60113576 D1 20060209; ES 2246305 T3 20060216; ID 29378 A 20010830; IT 1315600 B1 20030314; IT MO20000028 A1 20010825

DOCDB simple family (application)

EP 01830026 A 20010119; AT 01830026 T 20010119; DE 60113576 T 20010119; ES 01830026 T 20010119; ID 20010090 D 20010125; IT MO20000028 A 20000225