

Title (en)

Dry decorating device for ceramic tiles

Title (de)

Vorrichtung zum Trockendekorieren von keramischen Fliesen

Title (fr)

Dispositif pour la décoration à sec de carreaux céramiques

Publication

EP 1529614 A1 20050511 (EN)

Application

EP 04077995 A 20041101

Priority

IT RE20030105 A 20031107

Abstract (en)

A dry decorating device for ceramic tiles (2), comprising a hopper (9) provided with a lower discharge mouth, or slot, positioned above a band (7) in which powder-permeable regions defining the decoration are provided and which slidably closes the slot, a roller (6) on which the band winds and a roller (5) from which the band unwinds, a conveyor (1) feeding the tiles into a position below said slot and in a direction perpendicular thereto, and means for driving the band winding and unwinding rollers in synchronism with the conveyor advancement speed, said band winding and unwinding rollers being each associated with a respective electric motor, for the two motors there being provided a single control circuit arranged to operate them in both directions of rotation but both in the same sense, said control circuit being governed by signals from speed measurement means which measure the speed of the band carrying the decoration and the speed of the tile conveyor. <IMAGE>

IPC 1-7

B28B 11/04; **B28B 13/02**; **B41F 15/08**

IPC 8 full level

B28B 11/00 (2006.01); **B28B 11/04** (2006.01); **B28B 13/02** (2006.01); **B41F 15/08** (2006.01)

CPC (source: EP)

B28B 11/001 (2013.01); **B28B 11/047** (2013.01); **B41F 15/0881** (2013.01); **B41P 2217/56** (2013.01)

Citation (applicant)

- EP 1247629 A2 20021009 - TECNO EUROPA SRL [IT]
- EP 1302289 A2 20030416 - TECNO EUROPA SRL [IT]

Citation (search report)

[A] EP 1247629 A2 20021009 - TECNO EUROPA SRL [IT]

Cited by

CN112606183A; CN106584658A; CN112512767A; US11986976B2

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