

Title (en)
Decorating means

Title (de)
Mittel zur Dekoration

Title (fr)
Moyens de décoration

Publication
EP 1208953 A3 20030723 (EN)

Application
EP 01118519 A 20010801

Priority
• IT MO20000170 A 20000802
• IT MO20000174 A 20000809

Abstract (en)
[origin: EP1208953A2] Decorating means for decorating flat elements, in particular ceramic tiles (2), which allows the wear to be reduced and the productivity to be improved by limiting consumption of glaze, comprises a tubular sleeve (3) provided with openings (7) through which a flowing decorating product, such as ceramic powdery glaze, may pass, said openings (7) being arranged so as to form a decoration on a flat element (2) underlying said sleeve (3) and is characterised in that said sleeve (3) is made of rigid material, such as plastic material or metal; an apparatus for decorating ceramic supports (15) comprises flexographic belt decorating means (18) arranged to form a loop and suitable for transferring on the surface of said supports (15) decorating fluid means according to a preestablished drawing, said fluid decorating means being initially contained into cavities of said flexographic belt decorating means (18), conveyor means (16) suitable for moving said supports (15) along an advancing direction (F2) so as to cause said supports (15) to interact with said flexographic belt decorating means (18), actuating means (19) suitable for rotating said flexographic belt decorating means (18) around an axis perpendicular to said advancing direction (F2), pressing means (22) arranged internally to said flexographic belt decorating means (18) and suitable for promoting transferring of said decorating fluid means to said supports (15). <IMAGE>

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B28B 11/00; **B41F 15/38**

IPC 8 full level
B05C 1/10 (2006.01); **B05C 1/14** (2006.01); **B28B 11/00** (2006.01); **B28B 11/04** (2006.01)

CPC (source: EP)
B05C 1/10 (2013.01); **B05C 1/14** (2013.01); **B28B 11/001** (2013.01); **B28B 11/04** (2013.01); **B28B 11/046** (2013.01); **B28B 11/047** (2013.01); **B41P 2215/56** (2013.01)

Citation (search report)
• [X] US 4026208 A 19770531 - HORNE JR CHARLES G, et al
• [X] EP 0816072 A1 19980107 - SERIGRAFICA TOSI S R L [IT]
• [X] US 3858507 A 19750107 - OWREN ERLING, et al

Cited by
CN103419277A; EP1882572A3; CN103481643A; EP2181776A3; ITMI20081943A1; CN108481529A; EP1249325B1

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