Title (en)

Process for forming muti-coloured porcellainized ceramic stone tiles by extrusion

Title (de)

Verfahren und Vorrichtung zum Herstellen von mehrfarbigen porzellanähnlichen keramischen Ziegeln durch Extrudieren

Title (fr)

Procédé et dispositif pour la fabrication par extrusion de briques multicolores en céramique porcelainisée

Publication

EP 1048425 A3 20030102 (EN)

Application

EP 00201306 A 20000411

Priority

IT RE990050 A 19990427

Abstract (en)

[origin: EP1048425A2] A process for forming tiles of porcellainized ceramic stone by extrusion, comprising the following operations: preparing at least two pastes, typologically defined as porcellainized ceramic stone, having different colours; feeding said at least two pastes into a mixing device and/or injecting them directly into the extruder chamber (6); subjecting the mixed material to the action of a screw extruder (7); subjecting the mass advancing within the extruder (6), downstream of the screw (7) and upstream of the die braking system, to the action of at least one flow deviator means (9,10,11,12); from the extruded web obtained in this manner, separating portions corresponding to the formed objects. <IMAGE>

IPC 1-7

B28B 3/20; B28B 1/00; B29C 47/04

IPC 8 full level

B28B 1/00 (2006.01); **B28B 3/22** (2006.01); **B30B 11/24** (2006.01)

CPC (source: EP)

B28B 1/005 (2013.01); **B28B 3/22** (2013.01); **B28B 3/2672** (2013.01); **B30B 11/245** (2013.01)

Citation (search report)
- [YA] US 1614526 A 19270118 - LAMBIE JAMES M, et al
- [YA] DE 2013856 A1 19711014 - WITULSKI A
- [YA] DE 2059849 A1 19720720 - WITULSKI ALFRED
- [YA] US 4474545 A 19841002 - MAZZONI GUIDO [IT]
- [A] US 4292359 A 19810929 - MOSSO LUIGI

Cited by

CN105818260A; EP1524088A3; CN110481085A; EP1702901A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1048425 A2 20001102; **EP 1048425 A3 20030102**; EP 1710062 A2 20061011; EP 1710062 A3 20080305; EP 1710062 B1 20100825; IT 1309755 B1 20020130; IT RE990050 A0 19990427; IT RE990050 A1 20001027

DOCDB simple family (application)

EP 00201306 A 20000411; EP 06015746 A 20000411; IT RE990050 A 19990427