

Title (en)

Tile having a pattern and its manufacturing method.

Title (de)

Platte mit eingelegtem Ornament und Verfahren zur deren Herstellung.

Title (fr)

Carreau avec ornement incorporé et méthode pour sa fabrication.

Publication

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Application

EP 93114834 A 19930915

Priority

- JP 114793 A 19930107
- JP 14086993 A 19930611
- JP 15511893 A 19930625
- JP 20219293 A 19930816
- JP 24633192 A 19920916
- JP 25440392 A 19920924
- JP 30136492 A 19921111

Abstract (en)

A tile having a desired pattern is provided. The pattern goes through the tile in the thickness direction. For manufacturing such a tile, e.g. a partition plate 84 is disposed in a pressure forming die 91 so as to divide its inside space into an outer forming space 95 and an inner forming space 96. Light black granules and light red granules are filled respectively in the outer and inner forming spaces 95, 96. Then, the partition wall 84 is taken out from the die 91, and lining granules are filled over the colored granules. Thereafter, they are pressed into one body and burned. <IMAGE>

IPC 1-7

B28B 13/02; **B44C 3/12**; **B28B 23/00**; **B28B 3/00**; **B28B 1/00**

IPC 8 full level

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Citation (search report)

- [XA] EP 0473383 A2 19920304 - CCA INC [JP]
- [X] FR 351874 A 19050728 - GENTIL BOURDET & CIE SOC [FR]
- [X] US 2007961 A 19350716 - BOLTON RALPH S
- [X] DE 68728 C
- [XY] FR 1234462 A 19601017
- [XY] CH 302246 A 19541015 - RUOSS ERNST [CH]
- [YA] GB 904037 A 19620822 - ANTONY LYNN HOLLAWAY
- [X] FR 658070 A 19290530 - RHONE POULENC SA
- [X] FR 497983 A 19191223 - GINO PICCIONI [IT]
- [A] DE 287358 C
- [A] DE 282990 C
- [A] DE 3203107 A1 19830811 - RIPLINGER MICHAEL [DE]
- [A] FR 814339 A 19370621
- [A] DE 286234 C

Cited by

CN112374883A; EP0688640A1; AU692854B2; CN114763041A

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