

Title (en)
USE OF HIGH-ABSORPTION-CAPACITY PRECIPITATED SILICA FOR THE PRODUCTION OF A COLORANT BY MEANS OF IMPREGNATION WITH AN INORGANIC PIGMENT, THE COLORANT THUS OBTAINED AND THE APPLICATION THEREOF IN THE COLOURING OF CERAMIC MATERIALS

Title (de)
VERWENDUNG EINER FÄLLUNGSKIESELSÄURE MIT HOHER ABSORPTIONSKAPAZITÄT ZUR GEWINNUNG EINES MIT EINEM ANORGANISCHEN PIGMENT IMPRÄGNIERTEN FARBMITTELS, DER SO ERHALTENE FARBSTOFF UND ANWENDUNG ZUM FÄRBen VON KERAMISCHEN MATERIALIEN

Title (fr)
UTILISATION DE SILICE PRECIPITEE A HAUTE CAPACITE D ABSORPTION POUR L OBTENTION D UN COLORANT PAR IMPREGNATION AVEC UN PIGMENT INORGANIQUE, COLORANT AINSI OBTENU ET APPLICATION A LA COLORATION DE MATERIAUX CERAMIQUES.

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Application
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Abstract (en)
[origin: WO03076523A1] The invention relates to the use of precipitated silica having a DOP oil absorption of at least 260 ml/100g as a raw material in order to produce a colorant by impregnating said silica with an inorganic pigment in the form of a soluble salt and, in particular, with an inorganic pigment based on soluble iron sulphate. The invention also relates to a colorant that can be produced by calcinating and, optionally, grinding a precipitated silica with a DOP oil absorption of at least 260 ml/100g which has already been impregnated using an inorganic pigment in the form of a soluble salt, such as a soluble iron sulphate-based inorganic pigment. The colorant thus obtained can be used to dye ceramic materials, such as ceramic tiles, and bituminous or hydraulic binding materials.

IPC 1-7
C09C 1/30; **C09C 1/00**; **C04B 33/14**; **C04B 14/30**; **C04B 18/02**

IPC 8 full level
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C-Set (source: EP US)
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