

Title (en)
METHOD FOR PREPARING A RARE EARTH SULPHIDE COMPRISING AN ALKALINE ELEMENT, RESULTING COMPOSITION AND APPLICATION AS COLOURING PIGMENT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON SULFIDEN VON SELTENEN ERDEN EIN ALKALIELEMENT ENTHALTEND, ERHALTENE ZUSAMMENSETZUNG UND VERWENDUNG ALS FÄRBENDES PIGMENT

Title (fr)
PREPARATION D'UN SULFURE DE TERRE RARE COMPRENANT UN ELEMENT ALCALIN, COMPOSITION OBTENUE ET APPLICATION COMME PIGMENT COLORANT

Publication
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Application
EP 99957633 A 19990625

Priority
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• FR 9808147 A 19980626

Abstract (en)
[origin: FR2780393A1] Process for preparing a composition based on a rare earth sulfide containing at least one alkali metal element comprises heating a mixture of at least one rare earth compound with an alkali metal phosphate or borate in the presence of at least one gas selected from H₂S or CS₂. Independent claims are included for: (1) A rare earth sulfide containing at least one alkali metal element prepared by the above process; (2) A colored pigment containing the rare earth sulfide; and (3) Compositions for coloring materials such as plastics, paints, lacquers, glazes, rubber, ceramics, paper, inks, cosmetic products and laminates.

IPC 1-7
C01F 17/00; **C08K 3/30**; **C09C 1/00**; **C09D 7/12**

IPC 8 full level
B32B 9/00 (2006.01); **C01F 17/288** (2020.01); **C04B 14/36** (2006.01); **C08J 3/20** (2006.01); **C08K 3/30** (2006.01); **C09C 1/00** (2006.01); **C09C 3/06** (2006.01); **C09D 7/12** (2006.01); **C09D 201/00** (2006.01); **D21H 17/67** (2006.01)

CPC (source: EP KR US)
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