

Publication

EP 0526594 A4 19940126

Application

EP 91919771 A 19911024

Priority

KP 287990 A 19901205

Abstract (en)

[origin: WO9210546A1] This is a paint composed of denatured silicate as vehicle and aluminosilicate as dispersoid. Its chemical structure being made reticulated one due to silanol radical reaction, this paint forms a special, completely inorganic functional film close to organic high molecular one. This film prohibits the flow of ions of iron, thus performing anti-corrosive action and discomposing the secretion of sea adhesive organisms, amino acid calcium colloid to give innoxious anti-fouling effect. The paint is also applicable to inside and outside coating of structures and colors for pictures, which have permanent smokeless, humidity controlling, anti-bacterial, anti-static properties.

IPC 1-7

C09D 1/02

IPC 8 full level

C03C 17/00 (2006.01); **C04B 12/04** (2006.01); **C04B 28/00** (2006.01); **C04B 28/24** (2006.01); **C09D 1/00** (2006.01); **C09D 1/02** (2006.01); **C09D 5/10** (2006.01); **C09D 5/16** (2006.01); **C09D 183/02** (2006.01)

CPC (source: EP)

C03C 17/008 (2013.01); **C04B 12/04** (2013.01); **C04B 28/003** (2013.01); **C04B 28/24** (2013.01); **C09D 1/00** (2013.01); **C09D 1/02** (2013.01); **C09D 5/10** (2013.01); **C09D 5/16** (2013.01); **C09D 5/1618** (2013.01); **C09D 5/1662** (2013.01); **C09D 183/02** (2013.01); **C04B 2103/67** (2013.01); **C04B 2111/00482** (2013.01); **C04B 2111/00525** (2013.01); **C04B 2111/0056** (2013.01)

Citation (search report)

- [A] EP 0295834 A1 19881221 - MINNESOTA MINING & MFG [US]
- [A] CHEMICAL ABSTRACTS, vol. 97, no. 1, 5 July 1982, Columbus, Ohio, US; abstract no. 94099s, 'Anticorrosive coating compositions.' page 103 ;
- [A] DATABASE WPI Week 7637, Derwent Publications Ltd., London, GB; AN 76-69525X & JP-A-51 086 529 (DAI-NIPPON TORYO K.K.) 30 July 1976
- See references of WO 9210546A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9210546 A1 19920625; CN 1062151 A 19920624; DE 9116748 U1 19930923; EP 0526594 A1 19930210; EP 0526594 A4 19940126

DOCDB simple family (application)

KP 9100010 W 19911024; CN 91111406 A 19911205; DE 9116748 U 19911024; EP 91919771 A 19911024