

Title (en)

PROCESS FOR PRODUCING PIGMENT PARTICLES OF DEFINED SHAPE AND SIZE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PIGMENTTEILCHEN DEFINIERTER FORM UND GRÖSSE

Title (fr)

PROCEDE POUR FABRIQUER DES PARTICULES PIGMENTAIRES DE FORME ET DE GROSSEUR DEFINIES

Publication

EP 0931110 A1 19990728 (DE)

Application

EP 97943849 A 19970909

Priority

- DE 19638797 A 19960920
- EP 9704906 W 19970909

Abstract (en)

[origin: DE19638797A1] A process for producing pigment particles of defined shape and size is characterised in that a flat structure with holes of defined shape and size is treated with a polymerisable substance or mixtures of substances in such a way that the holes are filled, any solvents are removed, the substance or mixture of substances is polymerised and the thus formed pigment particles are removed from the holes. The shape and size of the thus produced pigments may be easily varied by selecting appropriate substrate parameters. They are suitable for the known uses of such substances, in particular in lacquers, paints and printing inks.

IPC 1-7

C09B 67/02; **C09K 19/00**; **C09K 19/52**

IPC 8 full level

C09B 67/20 (2006.01); **C08F 2/00** (2006.01); **C09B 67/00** (2006.01); **C09B 67/02** (2006.01); **C09B 69/10** (2006.01); **C09K 19/00** (2006.01); **C09K 19/38** (2006.01)

CPC (source: EP KR US)

C09B 67/006 (2013.01 - KR); **C09B 67/0097** (2013.01 - EP KR US); **C09B 67/0098** (2013.01 - EP US); **C09K 19/00** (2013.01 - EP US); **C09K 19/38** (2013.01 - EP US)

Citation (search report)

See references of WO 9812265A1

Cited by

US8608977B2; US7258902B2; WO2011082969A1; US9151436B2

Designated contracting state (EPC)

CH DE GB LI NL

DOCDB simple family (publication)

DE 19638797 A1 19980326; AU 4554097 A 19980414; EP 0931110 A1 19990728; JP 2001503078 A 20010306; KR 20000036024 A 20000626; US 6136251 A 20001024; WO 9812265 A1 19980326

DOCDB simple family (application)

DE 19638797 A 19960920; AU 4554097 A 19970909; EP 9704906 W 19970909; EP 97943849 A 19970909; JP 51424798 A 19970909; KR 19997002000 A 19990310; US 14785599 A 19990322