

Title (en)
AIR-GAP INTERFERENCE PIGMENTS, MANUFACTURE AND USE THEREOF

Publication
EP 0368973 B1 19920729 (DE)

Application
EP 89906006 A 19890526

Priority
AT 138588 A 19880526

Abstract (en)
[origin: WO8911508A1] Laminated air-gap interference pigments are characterized by contiguous layers of medium- to low-refraction minerals with thin intercalated air-gaps less than 1 μ m thick, and by a diameter-to-thickness ratio of the laminae between 1:5 and 1:50. The pigments are obtained by subjecting three- and four-layer phyllosilicates to a heat treatment at a temperature greater than that at which H₂O, OH or F are released.

IPC 1-7
C09C 1/00; **C09C 1/28**; **C09C 1/40**; **C09C 1/42**

IPC 8 full level
A61K 8/18 (2006.01); **A61K 8/19** (2006.01); **A61K 8/25** (2006.01); **A61K 8/30** (2006.01); **A61Q 1/02** (2006.01); **C01B 33/26** (2006.01); **C01B 33/38** (2006.01); **C01B 33/42** (2006.01); **C09C 1/00** (2006.01); **C09C 1/28** (2006.01); **C09C 1/40** (2006.01); **C09D 7/12** (2006.01); **C09D 17/00** (2006.01); **D21H 19/38** (2006.01)

CPC (source: EP)
C09C 1/0015 (2013.01); **C09C 1/42** (2013.01); **C01P 2002/20** (2013.01); **C01P 2002/22** (2013.01); **C01P 2004/20** (2013.01); **C01P 2004/54** (2013.01); **C09C 2200/102** (2013.01)

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 8911508 A1 19891130; AT 405838 B 19991125; AT A138588 A 19990415; AT E78846 T1 19920815; AU 3683789 A 19891212; DK 20390 A 19900326; DK 20390 D0 19900125; EP 0368973 A1 19900523; EP 0368973 B1 19920729; FI 900400 A0 19900125; HU T52537 A 19900728; JP H02504527 A 19901220

DOCDB simple family (application)
AT 8900053 W 19890526; AT 138588 A 19880526; AT 89906006 T 19890526; AU 3683789 A 19890526; DK 20390 A 19900125; EP 89906006 A 19890526; FI 900400 A 19900125; HU 363989 A 19890526; JP 50530189 A 19890526