

Title (en)
WATER-BASED PIGMENT PREPARATIONS

Title (de)
WASSERBASIERENDE PIGMENTPRÄPARATIONEN

Title (fr)
PREPARATIONS DE PIGMENTS A BASE D'EAU

Publication
EP 1687379 A1 20060809 (DE)

Application
EP 04790661 A 20041020

Priority
• EP 2004011852 W 20041020
• DE 10350556 A 20031029

Abstract (en)
[origin: WO2005042642A1] The invention relates to aqueous pigment preparations containing: (A) at least one organic and/or inorganic pigment, (B) at least one polyethylene glycol alkyl ether functionalised by a terminal acid group, (C) at least one alkoxylated styrol-phenol condensate, (D) at least one polyethylene glycol ether having an average molar mass of between 200 and 1000 g/mol, (E) at least one alkine diol, (F) fats and oils of plant and/or animal origin and/or saturated and unsaturated higher fatty acids of such fats and oils and/or salts of such saturated and unsaturated higher fatty acids, (G) optionally an aqueous acrylate resin solution, (H) optionally a polymer condensation product of aromatic sulfonic acids and formaldehyde and/or salts of aromatic sulfonic acids and formaldehyde, (I) optionally one sulfonsuccinic acid half-ester of a castor oil alkoxylate, (J) optionally a hydrotropic substance, (K) optionally other standard additives for aqueous pigment preparations, and (L) water.

IPC 8 full level
C09B 67/00 (2006.01); **C09B 67/20** (2006.01); **C09B 67/46** (2006.01); **C09D 11/00** (2006.01); **C09D 17/00** (2006.01); **D21H 21/28** (2006.01); **D21H 17/67** (2006.01)

CPC (source: EP KR US)
C09B 67/00 (2013.01 - KR); **C09B 67/006** (2013.01 - KR); **C09B 67/0066** (2013.01 - EP US); **C09B 67/0084** (2013.01 - KR); **C09B 67/009** (2013.01 - EP US); **C09D 17/00** (2013.01 - KR); **C09D 17/001** (2013.01 - EP US); **D21H 21/285** (2013.01 - EP US); **D21H 17/67** (2013.01 - EP US)

Citation (search report)
See references of WO 2005042642A1

Cited by
US12109305B2; US11576859B2; US11576866B2; US12023406B2; US11992552B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005042642 A1 20050512; CN 1871307 A 20061129; DE 10350556 A1 20050602; EP 1687379 A1 20060809; JP 2007515505 A 20070614; KR 20060117924 A 20061117; US 2007131144 A1 20070614

DOCDB simple family (application)
EP 2004011852 W 20041020; CN 200480031462 A 20041020; DE 10350556 A 20031029; EP 04790661 A 20041020; JP 2006537135 A 20041020; KR 20067008179 A 20060427; US 57659404 A 20041020