

Title (en)

PIGMENT GRANULATE, METHOD FOR PRODUCING THE SAME AND USE THEREOF

Title (de)

PIGMENTGRANULAT, VERFAHREN ZU DESSEN HERSTELLUNG UND VERWENDUNG

Title (fr)

GRANULES PIGMENTAIRES, PROCÉDÉ DE PRODUCTION ASSOCIÉ ET LEUR UTILISATION

Publication

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Application

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Priority

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- DE 102008044116 A 20081127

Abstract (en)

[origin: US2011232531A1] The invention relates to a pigment granulate which contains 40 to 65% by weight of pigment and at least 10% by weight of a compound of general formula (I) $\text{CH}_3\text{---}(\text{CH}_2)_n\text{---CH}_2\text{---O---}[(\text{CH}_2)_p\text{---O}]_m\text{---H}$, wherein $n=8\text{--}18$, $p=1\text{--}4$ and $m=35\text{--}100$, the weight ratio of the compound of general formula I to the pigment being # the STSA surface area of the pigment in m^2/g multiplied by 0.0021 g/m^2 and the mass-weighted particle size of the pigment granulate being $<20\text{ }\mu\text{m}$. The pigment granulate can be produced by dispersing the pigment and the compound of formula I in a solvent and then drying the dispersion obtained. The pigments according to the invention can be used for dyeing and/or the antistatic finishing in water-based paints and lacquer systems, dispersion on paints, printing inks, ink systems and coating systems.

IPC 8 full level

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Cited by

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US 200913131372 A 20091119; AU 2009319060 A 20091119; BR PI0921960 A 20091119; CA 2744421 A 20091119; CN 200980147797 A 20091119; DE 102008044116 A 20081127; EP 09763908 A 20091119; EP 2009065500 W 20091119; ES 09763908 T 20091119; IL 21200411 A 20110329; JP 2011537941 A 20091119; KR 20117011973 A 20091119; MA 33938 A 20110613; MX 2011005443 A 20091119; PL 09763908 T 20091119; ZA 201103879 A 20110526