

Title (en)
COMPLEX PIGMENTARY COMPOSITIONS FOR COATING PAPER

Publication
EP 0261039 B1 19901212 (FR)

Application
EP 87420222 A 19870819

Priority
FR 8612099 A 19860822

Abstract (en)
[origin: US4775420A] Complex pigment compositions for the coating of paper, comprising an aqueous phase, at least one pigment of mineral origin, a binding agent, optionally various customary additives, and a dispersing agent comprised of carboxyl-containing polymers which are water soluble and are converted to form salts. The polymers are obtained by known polymerization processes. The dispersing agent (a) has a specific viscosity (measured on the sodium salt) of between 0.25 and 2; and (b) is converted to the salt form to the extent of at least 60% by at least one salt-forming agent which has a polyvalent function. These complex pigment compositions have very low viscosities. They may also simultaneously contain diverse pigments, such as kaolin, titanium dioxide, and calcium carbonate, without suffering the usual increase in viscosity and the risk of setting.

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C09C 3/10; D21H 19/56

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP0542644A1; EP0542643A1; US5432238A; EP2712895A1; WO9219685A1; EP2194103A1; US9879139B2; US9896567B2; EP2199348A1; US9969888B2; US10472522B2; EP2390284A1; WO2011147922A1; US8721838B2; US9243121B2; EP2910609A1; US10119032B2

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EP 87420222 A 19870819; AR 30849487 A 19870821; AT 87420222 T 19870819; AU 7668387 A 19870807; BR 8704323 A 19870821; CA 545082 A 19870821; DE 3766679 T 19870819; ES 87420222 T 19870819; FI 873622 A 19870821; FR 8612099 A 19860822; JP 20805287 A 19870821; US 3158987 A 19870330; ZA 875892 A 19870810