

Pigment preparation

Abstract

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Process for preparing pigments by applying a polymerizable mixture to a surface, orienting the liquid crystals present in the mixture, polymerizing the mixture, detaching the polymer film from the surface and comminuting the polymer film to form pigment particles, wherein the polymerizable mixture comprises:

- 10 a₁) at least one chiral liquid-crystalline polymerizable monomer or
- 15 a₂) at least one achiral liquid-crystalline polymerizable monomer and a chiral compound, and additionally
- 20 b) a polymeric binder and/or monomeric compounds which are converted by polymerization into a polymeric binder and/or a dispersion auxiliary.

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