

Title (en)  
USE OF WATER-SOLUBLE POLYMERS WHICH ARE OBTAINED BY MEANS OF CONTROLLED RADICAL POLYMERISATION AS AN AGENT FOR IMPROVING THE OPACITY AND/OR BRIGHTNESS OF DRY PRODUCTS CONTAINING SAME

Title (de)  
VERWENDUNG VON WASSERLÖSLICHEN POLYMEREN, DIE DURCH KONTROLLIERTE RADIKALISCHE POLYMERISATION ERHALTEN WERDEN, ALS MITTEL ZUR VERBESSERUNG DER OPAZITÄT UND/ODER HELLIGKEIT VON DIESE ENTHALTENDEN TROCKENEN PRODUKTEN

Title (fr)  
UTILISATION DE POLYMERES HYDROSOLUBLES OBTENUS PAR POLYMERISATION RADICALEIRE CONTROLEE COMME AGENT AMELIORANT L'OPACITE ET / OU LA BRILLANCE DE PRODUITS SECS LES CONTENANT

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Application  
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Abstract (en)  
[origin: WO2006123038A2] The invention relates to agents that are used to improve optical properties such as opacity and/or brightness of dry products based on mineral matter containing said agents. More specifically, the invention relates to a method of producing dry products based on mineral matter, in which the agents used to improve the opacity and/or brightness of said dry products take the form of controlled-structure water-soluble polymers which are obtained using a controlled radical polymerisation method employing a particular alkoxyamine as a polymerisation initiator. The invention also relates to the use of aqueous suspensions and/or dispersions of mineral matter containing said polymers for the same purpose. The aforementioned dry products comprise plastics, filled paper, dry films produced by drying a coating slip, dry films produced by drying an aqueous paint formulation or dry films produced by drying an aqueous cosmetic formulation, which contain mineral matter as well as said polymers.

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