

Title (en)  
THERMOPLASTIC COATING POWDER, METHOD FOR THE PRODUCTION THEREOF AND MIXING SYSTEM FOR COATING POWDER

Title (de)  
THERMOPLASTISCHE PULVERLACKE, VERFAHREN ZU IHRER HERSTELLUNG UND MISCHSYSTEM FÜR PULVERLACKE

Title (fr)  
PEINTURE PULVERULENTE THERMOPLASTIQUE, PROCEDE PERMETTANT DE LA PRODUIRE ET SYSTEME DE MELANGE POUR PEINTURES PULVERULENTES

Publication  
**EP 1419204 A1 20040519 (DE)**

Application  
**EP 02735291 A 20020424**

Priority  
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• EP 0204476 W 20020424

Abstract (en)  
[origin: WO02088261A1] A thermoplastic coating powder having an average particle size of 200 - 500  $\mu\text{m}$ , whereby a maximum of 120 % of said particles have a particle size of  $T > 500 \mu\text{m}$ , which can be produced by applying at least one dispersion and/or at least one solution, containing (A) at least one functional component of a thermoplastic coating powder, (B) at least one solvent and (C) at least one oligomer and/or polymer component, to the surface of dimensionally-stable thermoplastic particles with full or essentially full evaporation of the solvent or solvents (B). The invention also relates to a novel mixing system and a novel method for the production and/or for subsequently adjusting the material composition and/or application-technology property profile of coating powders, wherein at least one dispersion and/or at least one solution (A/B) or (A/B/C) are/is used.

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Citation (search report)  
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