

Title (en)

EASILY RECYCLABLE PIGMENTED PULVERULENT COMPOSITION FOR COATING SUBSTRATES

Title (de)

LEICHT RECYCELBARE PIGMENTIERTE PULVERFÖRMIGE ZUSAMMENSETZUNG ZUR BESCHICHTUNG VON SUBSTRATEN

Title (fr)

COMPOSITION PULVERULENTE PIGMENTEE FACILEMENT RECYCLABLE POUR LE REVETEMENT DE SUBSTRATS

Publication

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Application

EP 21807166 A 20211008

Priority

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Abstract (en)

[origin: WO2022074350A2] The invention relates mainly to a pigmented pulverulent composition based on polyamide for coating substrates, comprising: (a) 40% to 99% by weight of at least one polyamide; (b) 1% to 30% by weight of at least one pigment; and (c) 0 to 30% by weight of at least one additive, in which the polyamide has an inherent viscosity, as measured using a Ubbelohde tube at 20 °C on a solution at 0.5% by weight in m-cresol according to standard ISO 307, except that the measurement temperature is 20 °C instead of 25 °C, of greater than 0.7 (g/100g)-1, and in which the composition has a volume median diameter Dv50, as measured according to standard ISO 9276 - parts 1 to 6, of from 10 to 200 µm, preferably 30 to 50 µm. It further relates to a method for producing said composition, to the use thereof for coating a metallic substrate, and to an object comprising a metallic substrate coated with a coating obtained with the pigmented pulverulent composition based on polyamide.

IPC 8 full level

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