

Title (en)

PULVERULENT COMPOSITION, MOLDING CONSISTING THEREOF, PROCESS FOR PRODUCING A MOLDING, AND USE OF A PULVERULENT COMPOSITION

Title (de)

PULVERFÖRMIGE ZUSAMMENSETZUNG, FORMKÖRPER DARAUS, VERFAHREN ZUR HERSTELLUNG EINES FORMKÖRPERS SOWIE VERWENDUNG EINER PULVERFÖRMIGEN ZUSAMMENSETZUNG

Title (fr)

COMPOSITION PULVÉRULENTE, MOULAGE CONSTITUÉ DE CELLE-CI, PROCÉDÉ DE PRODUCTION D'UN MOULAGE ET UTILISATION D'UNE COMPOSITION PULVÉRULENTE

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Application

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Abstract (en)

[origin: WO2022258434A1] A pulverulent composition contains at least one polyamide (PA) powder and is characterized in that the PA powder satisfies the following parameters: a melting point in the range of 240 to 320 °C, a melt flow index of 700 cm³/10 min or less, measured at a temperature of 30 to 35 °C above the melting point, and a melt flow index of 300 cm³/10 min or less, measured at a temperature of 10 to 15 °C above the melting point, each time measured at a test load of 5 kg. Additionally, the pulverulent composition has an elongation at break of at least 2.0% after sintering. The invention also relates to a molding that consists of such a pulverulent composition, a use of the pulverulent composition, and a process for producing a molding.

IPC 8 full level

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