

Title (en)

PASTE FILLED WITH METAL POWDER AND METAL PRODUCTS OBTAINED WITH SAME

Title (de)

METALLPULVER ENTHALTENDE PASTE UND MIT DIESER PASTE HERGESTELLTER METALLKÖRPER

Title (fr)

PATE CHARGÉE DE POUDRE MÉTALLIQUE ET PRODUITS MÉTALLIQUES OBTENUS AVEC CETTE PÂTE

Publication

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Application

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Abstract (en)

[origin: WO0207918A1] The invention concerns a paste composition, comprising a binder filled with metal powder, designed to be used in a prototyping process, a method for obtaining metal products from said composition, and a metal product obtained by said method. Said composition is characterised in that it comprises: a binder consisting of at least a light-cured resin, having a viscosity less than 4000 mPa's, measured at 25 DEG C; a photoinitiator, in a concentration higher than 0.2 % in mass relative to the resin mass; and a metal powder in a volume concentration higher than 40 % relative to the composition, the composition having a minimum reactivity of the order of 5 mm³/s per watt of lighting intensity.

IPC 1-7

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IPC 8 full level

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