

Title (en)

METHOD AND DEVICE FOR THERMAL ROUNDING OR SPHERONISATION OF POWDERED PLASTIC PARTICLES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR THERMISCHEN VERRUNDUNG BZW. SPHÄRONISIERUNG VON PULVERFÖRMIGEN KUNSTSTOFFPARTIKELN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR L'ARRONDISSEMENT OU LA SPHÉRONISATION THERMIQUE DE PARTICULES PLASTIQUES PULVÉRULENTES

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Application

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Abstract (en)

[origin: WO2019052806A1] The invention relates to a method for shaping a starting material (20) of powdered plastic particles, said method having the following method steps: a) providing powdered plastic particles as starting material (20); b) heating the plastic particles in a first treatment space to a first temperature (T1) below the melting point of the plastic, the first temperature (T1) being determined such that the plastic particles do not yet stick to one another; c) transferring a directed current of the plastic particles thus heated into a second treatment space (42); d) heating the plastic particles in the second treatment space (42) to a second temperature (T2) above the melting point of the plastic; and e) cooling the plastic particles to a temperature below the first temperature (T1).

IPC 8 full level

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See references of WO 2019052806A1

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