

Title (en)

DEVICE AND METHOD FOR PULVERIZING MATERIALS, ESPECIALLY GLASS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM PULVERISIEREN VON WERKSTOFFEN, INSBESONDERE GLÄSERN

Title (fr)

DISPOSITIF ET PROCEDE POUR PULVERISER DES MATIERES, EN PARTICULIER DU VERRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO02066914A1] Atomizing systems used in prior art to produce powders are normally successively charged with a liquid material for atomizing from one or more melting pots. The powder thus arising can have extremely inhomogeneous properties as a result of the ambience conditions prevailing during melting or during the conversion of the melt inside the melting pot. According to the invention a device for continuous melting of a material is disposed upstream from the atomizing system. The device disclosed in WO 97/05440 is one such device. The invention makes it possible to significantly improve the homogeneity of the powder which is produced by atomization. The inventive system enables non-metallic powders, especially glass powders to be produced in addition to the atomization of metallic materials.

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IPC 8 full level

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CPC (source: EP US)

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