

Title (en)
PROCESS AND DEVICE FOR TREATING SURFACES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BEHANDELN VON OBERFLÄCHEN

Title (fr)
PROCEDE ET DISPOSITIF DE TRAITEMENT DE SURFACES

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Application
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Abstract (en)
[origin: WO0010739A1] The invention relates to a process for treating surfaces by means of a mixture of air and powder introduced through a powder nozzle (46), whereby the velocity of the outflow of the powder particles used from the powder nozzle (46) is substantially less than 40 m/s. Furthermore, the invention is related to a device for treating surfaces comprising a pressure unit (52) and a multi-nozzle tool (40) comprising at least two powder nozzles (46). Additionally, the invention relates to the use of the process and/or device according to the invention for powder-based painting/coating of surfaces along with or without a process for cleaning, whereby the surface to be treated is pretreated with a suitable base coat liquid and while said base coat liquid is still wet, by utilizing the method and the device according to the invention, powder paint/coating agent is sprayed to attach onto/react with the base coat liquid spread on the surface to form the final coat of paint/coating.

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