

Title (en)

METHOD AND APPARATUS FOR DOTTING MOULDING DEVICES BY MEANS OF DROPLETS OF A LIQUID OR SUSPENDED LUBRICANT DURING THE MANUFACTURE OF MOULDED OBJECTS IN THE PHARMACEUTICAL, FOOD OR CATALYTIC FIELD

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Application

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Priority

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Abstract (en)

[origin: ES8501624A1] The invention is directed to a process for dotting molding tools with droplets of liquid or suspended lubricant in the production of shaped articles in the pharmaceutical, food, or catalyst fields. Pressurized lubricant solutions or suspensions and pressurized gas are alternately passed through capillaries, in conjunction with alternating single-substance nozzles, in such a way that drops are formed on the nozzle surface, in between the jets of gas, and are then detached from this surface and directed to specific zones of pressing tools. The apparatus comprises fast-acting valves for the brief release of pressurized gases and lubricant liquids or suspensions. The delivery lines of a gas valve and a liquid valve combine upstream of a capillary, and single-substance nozzles are mounted at the end of the capillaries.

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Cited by

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