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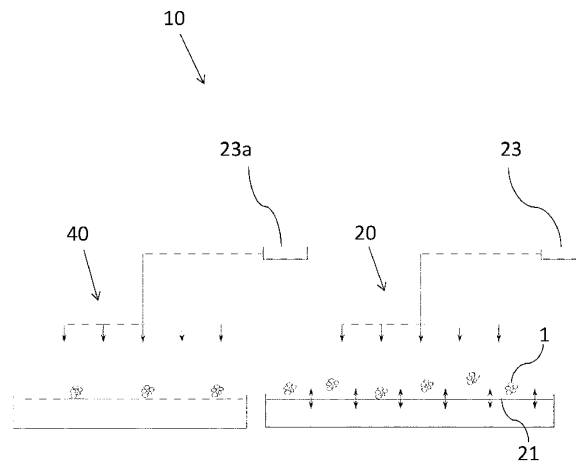


Fig. 1

(57) Abstract: The invention relates to a system (10) for producing baked plant-based foods (1), particularly baked potato chips, the system (10) comprising at least one pre-drying section (20) for pre-drying provided plant-based foods (1), in particular potato slices, and at least one baking section (40) for baking the pre-dried foods, wherein the pre-drying section (20) comprises a bottom (21) for receiving the plant-based foods (1), wherein the bottom (21) is configured to be set in vibration, and wherein the pre-drying section (20) comprises an energy supply unit (23) for pre-drying the plant-based foods (1) by supplying energy to the plant-based foods (1). The invention further relates to a method for producing baked plant-based foods (1) and a vibration oven (50).

[Continued on next page]

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