

Title (en)  
FREEZE-DRYER AND FREEZE-DRYING METHOD

Title (de)  
GEFRIERTROCKNUNGSANLAGE UND VERFAHREN HIERZU

Title (fr)  
DISPOSITIF ET PROCÉDÉ DE LYOPHILISATION

Publication  
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Application  
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Abstract (en)  
[origin: WO2019192747A1] The invention relates to a freeze-drying system (1) for drying products (10) containing liquid and to a method for operating a freeze-drying system (1), said freeze-drying system having a vacuum chamber (11), in which at least one holding device (12) for holding the products (10) containing liquid is inserted, a coolable condenser (13) being provided, on which liquid drawn from the product (10) in a drying phase can be condensed from a vapor phase. According to the invention, at least one sound generator (14) is arranged on the holding device (12), by means of which sound generator sound can be applied to the product (10) during the drying phase.

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