



Verfahrenstechnische untersuchungen über den einsatz in rum~nien vom solaren

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The solar tunnel dryer Type Hohenheim for agricultural products was created by Hohenheim University from Stuttgart, Germany. Main advantage of the solartunnel dryer consists in obtaining dry products with a special quality, as it can be used for traditional products as well as the new products. By research work, the authors gave a contribution to technical improvement, especially in respect of photovoltaic drive of fans. Furthermore, the research had as objective to find out the technological parameters enabling a short drying time and a higher quality of the dried products. The solar Dryer Type Hohenheim can be used in very good conditions in Romania, as it can operate a long time. Out of all agricultural products grown in Romania, the solar tunnel dryer is suitable for vegetables, fruits, aromatic plants, some of medicinal plants and flowers.