INTENSIFICATION OF APPARATUSES FOR THE MANUFACTURE OF POWDERY SEMI-FINISHED PRODUCTS FROM VEGETABLE RAW MATERIAL

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Technological equipment in canning industry for the manufacture of vegetable semi-finished products with the intensified thermal exchange is elaborated and improved. The result is achieved by reducing the rotary film apparatus area due to the creation of a stable turbulent condition in a heating cover of the apparatus with the capability of further drying in a rotary drum IR-drier to the CP content 85...92%. The purpose is to receive high quality powdery semi-finished products of vegetable origin with an enormous content of BAS.

Keywords: intensification, rotary film apparatus, IR-dryer, vegetative, high quality, powdery.