Title (en)

PRE-WARMING STRUCTURE FOR A LINEAR CHARGER

Title (de)

VORWÄRMAUFBAU FÜR EINEN LINEARFÜLLER

Title (fr)

ENSEMBLE DE PRECHAUFFAGE POUR UNE INSTALLATION DE REMPLISSAGE LINEAIRE

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Abstract (en)

[origin: WO0222490A1] The invention relates to a pre-warming structure for a linear charger. According to the invention, the packages can be displaced in an intermittent manner in at least two parallel longitudinal rows in-between differing work stations in order to warm, sterilise and fill. Said device comprises equipment for generating warm compressed air, pipes (19) and at least two air nozzles with warm air (3) connected to the pipes (19) in order to allow the surfaces of the packages to be exposed to warm air. The aim of the invention is to ensure effective and sufficient sterilisation even when smaller quantities of sterilisation agents are used and to ensure homogeneous treatment of packaging, while at the same time reducing the damage to the environment. A distributor (6) therefore is connected to at least two air nozzles for improving the turbulence and distribution of warm air upstream from the air nozzles (3). A feeder tube (11) flows into the distributor. The flow cross section is received by a rotating disk (18).

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