

Title (en)
METHOD FOR CONTROLLING AIR SPEED IN A STERILIZING TUNNEL DURING THE HEATING OF SAME TUNNEL

Title (de)
VERFAHREN ZUR STEUERUNG DER LUFTGESCHWINDIGKEIT IN EINEM STERILISIERTUNNEL WÄHREND DESSEN AUFHEIZPHASE

Title (fr)
PROCEDE POUR REGULER LA VITESSE DE L'AIR DANS UN TUNNEL DE STERILISATION PENDANT LA PHASE D'ECHAUFFEMENT DE CE DERNIER

Publication
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Application
EP 98905254 A 19980114

Priority

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Abstract (en)
[origin: DE19709067A1] In a tunnel-shaped area (14) of a sterilizing tunnel (10) containers (11) are transported by means of a conveyor device (12). Sterilization is accomplished by a vertical, heated air stream generated by means of a ventilator (21) and a heating device (20) in the area of the containers (11). To prevent particles from being torn from a sterile filter (23) during the heating phase, the invention provides for the number of revolutions per minute of the ventilator (21) to be adjusted during said heating phase. According to the invention, the rpm adjustment is carried out by predetermining the ventilator (21) rpm required at room temperature and at sterilization temperature. The control unit for the sterilizing tunnel (10) then increases the ventilator (21) rpm in accordance with a preset functional relationship as the temperature rises.

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