

Title (en)

METHOD AND DEVICE FOR ENRICHING AIR WITH AN AIR CONDITIONING AGENT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ANREICHERUNG VON LUFT MIT LUFTBEHANDLUNGSMITTEL

Title (fr)

PROCEDE ET DISPOSITIF POUR ENRICHIR DE L'AIR AVEC UN AGENT DE TRAITEMENT D'AIR

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Application

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Abstract (en)

[origin: WO0103747A1] The invention relates to a method for enriching air with an air conditioning agent (12), especially for sterilizing the air. According to the inventive method, an air conditioning agent (12) in the liquid phase is introduced into the air and evaporated. The ratio of conditioning agent in the air ranges from 0.1 to 0.002 ml, preferably from 0.01 to 0.005 ml per m³. According to the inventive device for enriching air with an air conditioning agent (12) a liquid air conditioning agent (12) is provided in a reservoir (10). Said agent is guided into a turbulence chamber (16). A fan (24) produces an air current (34) in said turbulence chamber. Said air current (34) leads to a turbulence of the liquid air conditioning agent so that a mixture consisting of air and vaporous air conditioning agent is discharged from the turbulence chamber (16).

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