

Title (en)

METHOD AND SYSTEM FOR CONTROLLING BIOLOGICAL GROWTH ON A BIN COOLER PLACED IN A COMPARTMENT

Title (de)

VERFAHREN UND SYSTEM ZUR STEUERUNG DES BIOLOGISCHEN WACHSTUMS AUF EINEM IN EINER KAMMER PLATZIERTEM BEHÄLTERKÜHLER

Title (fr)

PROCÉDÉ ET SYSTÈME DE CONTRÔLE DE CROISSANCE BIOLOGIQUE SUR UN SYSTÈME DE REFROIDISSEMENT DE SOUTE PLACÉ DANS UN COMPARTIMENT; ENSEMBLE CONSTITUÉ D'UN SYSTÈME DE REFROIDISSEMENT DE SOUTE ET D'UN TEL SYSTÈME; ENCEINTE ÉQUIPÉE D'UN TEL ENSEMBLE ET PROCÉDÉ D'INSTALLATION

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Application

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Abstract (en)

[origin: WO2008035969A2] A method for controlling biological growth on a bin cooler (1) placed in a compartment (1) comprises a copper dissolving step, wherein a copper containing element (8) which is arranged in a compartment in an electrically insulated manner relative to grounding parts (3, 4, 21) of the compartment is set to an anodic potential, wherein positive copper ions (17) are released from the copper containing element (8) and wherein a metal containing element (18) arranged in the compartment functions as cathode. The method further comprises a decalcifying step alternating with the copper dissolving step, during which decalcifying step the metal containing element which is arranged in the compartment in an electrically insulated manner relative to the grounding part of the compartment, is set to an anodic potential, wherein the metal containing element decalcifies as a result of an occurring anodic reaction on the metal containing element, and wherein the copper containing element functions as cathode.

IPC 8 full level

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