

Title (en)  
SURVEILLANCE OF A PLURALITY OF REFRIGERATED CONTAINERS AND DETERMINATION OF AN INSULATION PARAMETER OF A REFRIGERATED CONTAINER

Title (de)  
ÜBERWACHUNG EINER VIELZAHL VON KÜHLBEHÄLTERN UND BESTIMMUNG EINES ISOLATIONSPARAMETERS EINES KÜHLBEHÄLTERS

Title (fr)  
SURVEILLANCE DE PLURALITÉ DE CONTENEURS FRIGORIFIQUES ET DÉTERMINATION DE PARAMÈTRE D'ISOLATION DE CONTENEUR FRIGORIFIQUE

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Application  
**EP 20701594 A 20200122**

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Abstract (en)  
[origin: WO2020152203A1] A method is disclosed herein of managing a plurality of refrigerated containers (2), the method comprising the step of surveilling the insulation condition of said containers (2) by repeatedly determining an insulation parameter (Uact, Ucur) of each of the plurality of refrigerated containers (2). Furthermore is disclosed a method to determine an insulation parameter (Uact) of a refrigerated container (2), the method comprising at least the steps of -determining a refrigeration effect (Q Ref) caused by a refrigeration unit refrigerating the container (2), -calculating an actual rate of energy loss of the container (2) due to heat ingress from the ambient surroundings, -determining an actual temperature difference ( $\Delta T$ ) between the interior (8) of the container (2) and the ambient air, and -determining the actual insulation parameter (Uact) of the container (2) from the ratio of said actual rate of energy loss and said actual temperature difference.

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