

Title (en)

SAFETY SYSTEM FOR A CONTAINER HAVING A REFRIGERATION SYSTEM AND METHOD OF PROVIDING SAFETY

Title (de)

SICHERHEITSSYSTEM FÜR EINEN BEHÄLTER MIT EINEM KÜHLSYSTEM UND VERFAHREN UM SICHERHEIT ZU GEWÄHRLEISTEN

Title (fr)

SYSTÈME DE SÉCURITÉ POUR RÉCIPIENT COMPORTANT UN SYSTÈME FRIGORIFIQUE ET PROCÉDÉ POUR ASSURER LA SÉCURITÉ

Publication

EP 3394528 B1 20230809 (EN)

Application

EP 15828855 A 20151222

Priority

IB 2015002557 W 20151222

Abstract (en)

[origin: WO2017109531A1] Systems and methods for containers having refrigeration systems include a refrigeration system, wherein at least a portion of the refrigeration system is located within the container and having at least one thermochemical refrigerant, at least one sensor located within the container and configured to detect a presence of the at least one thermochemical refrigerant within an ambient air in the container, a locking mechanism operably configured to lock and seal the container, and a safety controller in communication with the at least one sensor and operably connected to the refrigeration system and the locking mechanism, the safety controller configured to at least one of lock and seal the container with the locking mechanism or shut off the refrigeration system when the at least one sensor detects the presence of the at least one thermochemical refrigerant within the ambient air in the container above a predetermined threshold.

IPC 8 full level

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CPC (source: EP)

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