

Title (en)  
TEMPERATURE-CONTROLLED STORAGE SYSTEMS

Title (de)  
TEMPERATURGESTEUERTE AUFBEWAHRUNGSSYSTEME

Title (fr)  
SYSTÈMES DE STOCKAGE COMMANDÉS EN TEMPÉRATURE

Publication  
**EP 2979044 A4 20161228 (EN)**

Application  
**EP 14775659 A 20140327**

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Abstract (en)  
[origin: WO2014160831A1] In some embodiments, a substantially thermally sealed storage container includes an outer assembly and an evaporative cooling assembly integral to the container. In some embodiments, the outer assembly includes one or more sections of ultra efficient insulation material substantially defining at least one thermally-controlled storage region, and a single access conduit to the at least one thermally-controlled storage region. In some embodiments, the evaporative cooling assembly integral to the container includes: an evaporative cooling unit affixed to a surface of the at least one thermally-controlled storage region; a desiccant unit affixed to an external surface of the container; a vapor conduit, the vapor conduit including a first end and a second end, the first end attached to the evaporative cooling unit, the second end attached to the desiccant unit; and a vapor control unit attached to the vapor conduit.

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CPC (source: CN EP)  
**F25B 17/08** (2013.01 - CN EP); **F25B 49/046** (2013.01 - EP)

Citation (search report)  
• [X1] US 6349560 B1 20020226 - MAIER-LAXHUBER PETER [DE], et al  
• [X1] US 2004079106 A1 20040429 - MAIER-LAXHUBER PETER [DE], et al  
• [I] US 2001025510 A1 20011004 - MAIER-LAXHUBER PETER [DE], et al  
• [A] US 6889507 B1 20050510 - CLAYDON PAUL CHARLES [GB], et al  
• See references of WO 2014160831A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DK 2979044 T3 20201221; EP 2979044 A1 20160203; EP 2979044 A4 20161228; EP 2979044 B1 20201007; JP 2016514824 A 20160523;  
JP 6411457 B2 20181024

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