

Title (en)  
THERMAL PROCESSING SYSTEM AND CONFIGURABLE VERTICAL CHAMBER

Title (de)  
THERMISCHES VERARBEITUNGSSYSTEM UND KONFIGURIERBARE VERTIKALKAMMER

Title (fr)  
SYSTEME DE TRAITEMENT THERMIQUE ET CHAMBRE VERTICALE CONFIGURABLE

Publication  
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Application  
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Abstract (en)  
[origin: WO2004007318A2] A loadport apparatus for conditioning the interior of a FOUP having a FOUP door. The apparatus includes platform, a housing, an loadport door, a loadport door seal and a conditioning system. The FOUP platform receives the FOUP. The housing includes an opening to a second chamber. The housing is configured for sealably engaging the FOUP. The loadport door includes a FOUP door access mechanism for opening the FOUP. The loadport door is movable between an open position and a closed position. The loadport door seal selectively seals the opening from the second chamber when the loadport door is in the closed position. The conditioning system communications with the opening for conditioning a mini-environment chamber defined by the loadport door, the seal, the opening, and an interior of the FOUP when the loadport door is in the closed position, the loadport door seal is sealed, and the FOUP door is open. A method is also disclosed.

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