

Title (en)

Ventilation system for storage rooms and for holds from refrigerated ships with high storage shelving

Title (de)

Umluftsystem für ortsgebundene Lagerräume und für Laderäume von Kühlschiffen mit Hochregallagern

Title (fr)

Système de ventilation de chambres de stockage et de cales de navires frigorifiques avec des rayons d'emmagasinement surélevés

Publication

**EP 1702840 B1 20090729 (DE)**

Application

**EP 05008840 A 20050422**

Priority

- DE 202005004501 U 20050317
- DE 202005005817 U 20050408

Abstract (en)

[origin: US2006207284A1] In order to flush with cooling air the goods stacked or palletized in a high-bay rack placed in a stationary store room or in the cargo space of a refrigeration ship by maintaining a constant cooling temperature in all the layers, an air recirculation system is proposed for which two superimposed air circuits ( 40, 140; 40', 140' ) are configured in the area of every rack module ( 30; 130 ), whereby at least one rack module, preferably two rack modules ( 30; 130 ), are placed in the cargo space and whereby a shaft ( 50 ) for the rack stacker is assigned to each rack module ( 30; 130 ) or a shaft ( 50 ) for the rack stacker is placed between the two rack modules ( 30; 130 ) placed the one besides the other, whereby the shaft ( 50 ) serves a common pressure distribution chamber of the inlet air for each rack module ( 30; 130 ).

IPC 8 full level

**B63J 2/08** (2006.01)

CPC (source: EP KR US)

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