

Title (en)

Store for common storage of uncooled and cooled goods

Title (de)

Lager zur gemeinsamen Lagerung von ungekühlter und gekühlter Ware

Title (fr)

Magasin pour emmagasiner en commun des marchandises non-réfrigérées et réfrigérées

Publication

EP 1128140 A1 20010829 (DE)

Application

EP 00127456 A 20001214

Priority

DE 10009396 A 20000228

Abstract (en)

[origin: DE10009396C1] The storage device has a cold zone (K) for storage of cold items and a warm zone (W) for storage of warm items, positioned above the cold zone, with refrigerated air supplied to the base of the cold zone and to the separation region between the cold zone and the warm zone. The refrigerated air is extracted from the separation region via at least one vent snorkel (AS1,ASn) extending vertically through the warm zone, which is adjustable in length by forming it in separate sections, each corresponding to the height of a storage layer.

Abstract (de)

Bei einem Schichtenlager für ungekühlte und gekühlte Ware erfolgt die Einstellung der Lage von Kaltzone (K) und Warmzone (W) zueinander über ein System von Abluftschorncheln (AS1 bis ASn), deren Länge leicht modifizierbar ist, wodurch das Verhältnis Volumen Warmzone/Kaltzone leicht variierbar ist. <IMAGE>

IPC 1-7

F25D 17/00

IPC 8 full level

F25D 17/00 (2006.01)

CPC (source: EP)

F25D 17/005 (2013.01)

Citation (applicant)

EP 0780643 A2 19970625 - SIEMENS AG [DE]

Citation (search report)

- [Y] US 2467633 A 19490419 - JAMES SCOTT
- [A] EP 0105052 A1 19840411 - THALHEIMER KURT
- [A] US 4063432 A 19771220 - CHAUSSY ROLAND, et al
- [A] DE 26406 C
- [Y] LIMMER G: "INVERTED ATMOSPHERIC CONDITIONS - GOOD NEWS FOR DOUBLE-ZONE WAREHOUSES", ENGINEERING AND AUTOMATION,DE,SIEMENS AKTIENGESELLSCHAFT, BERLIN, vol. 18, no. 6, 1 November 1996 (1996-11-01), pages 12 - 14, XP000643523, ISSN: 0939-2068

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WO2023083524A1; US11067329B2

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EP 1128140 A1 20010829; EP 1128140 B1 20031022; AT E252715 T1 20031115; DE 10009396 C1 20010628; DE 50004148 D1 20031127; DK 1128140 T3 20040301; ES 2209754 T3 20040701; NO 20010542 D0 20010131; NO 20010542 L 20010829; NO 331697 B1 20120227; PT 1128140 E 20040331

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EP 00127456 A 20001214; AT 00127456 T 20001214; DE 10009396 A 20000228; DE 50004148 T 20001214; DK 00127456 T 20001214; ES 00127456 T 20001214; NO 20010542 A 20010131; PT 00127456 T 20001214