

Title (en)

OPEN FRONT DISPLAY CASE WITH SECONDARY AIR CURTAIN

Title (de)

VITRINE MIT OFFENER FRONTSEITE UND SEKUNDÄREM LUFTSCHLEIER

Title (fr)

VITRINE OUVERTE À L'AVANT AVEC RIDEAU D'AIR SECONDAIRE

Publication

EP 2361027 A4 20121031 (EN)

Application

EP 09832302 A 20091116

Priority

- US 2009064577 W 20091116
- US 12140808 P 20081210

Abstract (en)

[origin: WO2010068367A1] A refrigerated case has a base and a refrigerated compartment above the base. A rear wall and a top are along the refrigerated compartment. A refrigeration system includes a heat absorption heat exchanger and a first fan. The first fan is positioned to drive an airflow from a first inlet across the heat absorption heat exchanger. A first portion of the airflow passes through the rear wall and top to exit a first outlet. A second fan is positioned to drive a second airflow from a second inlet to exit a second outlet. The second airflow bypasses the heat absorption heat exchanger. A diversion port is positioned to direct a second portion of the first airflow to merge with the second airflow upstream of the second outlet.

IPC 8 full level

A47F 3/04 (2006.01)

CPC (source: EP)

A47F 3/0447 (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2010068367A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 2010068367 A1 20100617; CN 102245059 A 20111116; CN 102245059 B 20140319; EP 2361027 A1 20110831; EP 2361027 A4 20121031; EP 2361027 B1 20170329

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