

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 B1 20170329 (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)

Designated contracting state (EPC)

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 SE SI SK SM TR

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

DOCDB simple family (application)

**US 2009064577 W 20091116**; CN 200980149938 A 20091116; EP 09832302 A 20091116