

Title (en)
BOTTOM DECK ASSEMBLY FOR REFRIGERATED MERCHANDISER

Title (de)
BODENREGALANORDNUNG FÜR KÜHLAUSLAGE

Title (fr)
UNITE DE PLATEAU INFERIEUR POUR PRESENTOIR REFRIGERE

Publication
EP 1858377 A4 20090603 (EN)

Application
EP 05797539 A 20050916

Priority
• US 2005033152 W 20050916
• US 66338805 P 20050318

Abstract (en)
[origin: US2006207280A1] A refrigerated merchandiser (10) includes a cabinet (20) defining an interior product display space (100) and a refrigeration unit (50) is disposed in operative association with the interior product display space in a compartment (55) beneath the lower deck (24). An opening in the lower deck provides an air return inlet (102) establishing a flow passage from the interior product display space (100) to the compartment (55) beneath the lower deck. A cover (120) includes a top plate member (122) disposed superadjacent the return air inlet and a downwardly extending peripheral side flange (124) disposed about the periphery of the top plate member (122). A plurality of air intake ports (125) are provided in the peripheral side flange (124). The lower deck (24) has a recessed upper surface (124 C) facing the product display space (100). A grille plate (130) extends across the air return inlet.

IPC 8 full level
A47F 3/04 (2006.01); **F25D 19/02** (2006.01)

CPC (source: EP KR US)
A47F 3/00 (2013.01 - KR); **A47F 3/04** (2013.01 - KR); **A47F 3/0408** (2013.01 - EP US); **A47F 7/28** (2013.01 - KR); **F25D 17/06** (2013.01 - EP US); **F25D 17/062** (2013.01 - EP US); **F25D 21/14** (2013.01 - EP US); **F25D 2317/0651** (2013.01 - EP US); **F25D 2317/0661** (2013.01 - EP US); **F25D 2317/0671** (2013.01 - EP US); **F25D 2323/00264** (2013.01 - EP US); **F25D 2323/00276** (2013.01 - EP US); **F25D 2331/803** (2013.01 - EP US)

Citation (search report)
• [X] FR 2855871 A1 20041210 - TECUMSEH EUROPE SA [FR]
• [X] US 2005056041 A1 20050317 - JIN LAI [CN]
• [A] US 3834177 A 19740910 - SCARLETT J
• See references of WO 2006101516A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2006207280 A1 20060921; AU 2005329418 A1 20060928; CN 101179965 A 20080514; EP 1858377 A1 20071128;
EP 1858377 A4 20090603; KR 20070113276 A 20071128; RU 2007138608 A 20090427; WO 2006101516 A1 20060928

DOCDB simple family (application)
US 35881306 A 20060221; AU 2005329418 A 20050916; CN 200580049817 A 20050916; EP 05797539 A 20050916;
KR 20077022647 A 20071004; RU 2007138608 A 20050916; US 2005033152 W 20050916