

Title (en)
REFRIGERATED DISPLAY CABINET FOR REFRIGERATED PRODUCTS

Title (de)
KÜHLTHEKE FÜR KÜHLGUT

Title (fr)
ARMOIRE D'AFFICHAGE RÉFRIGÉRÉE POUR DES PRODUITS RÉFRIGÉRÉS

Publication
EP 4015950 A1 20220622 (EN)

Application
EP 22161312 A 20220310

Priority
IT 202100005762 A 20210311

Abstract (en)
Refrigerated display cabinet for refrigerated products, comprising a support structure (2), comprising a refrigerated chamber (21) and a support frame (3), substantially contained within the refrigerated chamber (21) and comprising at least one dividing wall (30), which divides said refrigerated chamber (21) into a first half-chamber (S1) and into a second half-chamber (S2). The display cabinet also comprises an air recirculation circuit (4), passing between the first half-chamber (S1) and the second half-chamber (S2), ventilation means (5), operatively connected to the air recirculation circuit (4), and a thermal cooling unit (6), placed to intercept the air recirculation circuit (4) in order to cool the air. The air recirculation circuit (4) comprises a first air conveyance channel (40), placed below the refrigerated chamber (21) and placed as an air connection between the first half-chamber (S1) and the second half-chamber (S2) and a second conveyance channel (41), placed above said refrigerated chamber (21) and placed as an air connection between the first half-chamber (S1) and the second half-chamber (S2). The thermal cooling unit (6) comprises only one evaporator placed to intercept one between the first conveyance channel (40) and the second conveyance channel (41).

IPC 8 full level
F25D 17/06 (2006.01); **A47F 3/04** (2006.01)

CPC (source: EP)
A47F 3/0408 (2013.01); **F25D 17/06** (2013.01); **A47F 3/0491** (2013.01); **F25D 2317/063** (2013.01); **F25D 2317/0651** (2013.01); **F25D 2317/0653** (2013.01); **F25D 2317/0655** (2013.01); **F25D 2317/067** (2013.01); **F25D 2400/06** (2013.01)

Citation (applicant)
• DE 20300225 U1 20040519 - REMIS GMBH [DE]
• US 3392543 A 19680716 - MILLER GEORGE A
• US 4373355 A 19830215 - MONROE JOHN E

Citation (search report)
• [XAYI] FR 2794956 A1 20001222 - GERVAIS DANONE SA [FR]
• [XA] US 4373355 A 19830215 - MONROE JOHN E
• [Y] DE 3701974 A1 19880804 - LINDE AG [DE]
• [Y] DE 20300225 U1 20040519 - REMIS GMBH [DE]
• [A] US 3392543 A 19680716 - MILLER GEORGE A

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4015950 A1 20220622; EP 4015950 B1 20240626

DOCDB simple family (application)
EP 22161312 A 20220310