

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  
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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

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