

Title (en)  
Method for improvement of the operation of refrigerators

Title (de)  
Verfahren zur Verbesserung des Betriebs von Kühlmöbeln

Title (fr)  
Procédé pour améliorer le fonctionnement des meubles frigorifiques

Publication  
**EP 0717945 A3 19990915 (FR)**

Application  
**EP 95402916 A 19951222**

Priority  
FR 9415547 A 19941223

Abstract (en)  
[origin: EP0717945A2] A typical cabinet freezer (1) displays products for sale on several shelves (2) above a chest container (3). Air circulated by a fan (6) up a concealed passage (4), containing the evaporator (5), falls down the front of the shelves as a cold air curtain. To prevent migration of water vapour from the ambient atmosphere into the curtain, and the consequent frost build-up, a separate air supply, with humidity lying between 0 and 2g/kg, is provided from an overhead outlet (8), to fall on either side of the cabinet. Additionally, air supplied (7) to the circulating fan (6) is itself of similar quality. Applications to various single and multiple freezer installations, including provision for recirculating the dehumidified air, are described. curtain. To prevent

IPC 1-7  
**A47B 3/04**; **F25D 21/04**

IPC 8 full level  
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CPC (source: EP)  
**A47B 3/04** (2013.01); **F25D 21/04** (2013.01)

Citation (search report)

- [A] US 4210000 A 19800701 - LEE DOO S [JP]
- [A] WO 9423620 A1 19941027 - NORTHAMPTON REFRIGERATION COMP [GB], et al
- [A] FR 2679988 A1 19930205 - ARMINES [FR]
- [A] US 4150550 A 19790424 - MERCER JOHN F SR [US]

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ES2167280A1; US11116333B2; US11559147B2

Designated contracting state (EPC)  
BE CH DE ES FR GB GR IT LI MC PT

DOCDB simple family (publication)  
**EP 0717945 A2 19960626**; **EP 0717945 A3 19990915**; FR 2728662 A1 19960628; FR 2728662 B1 19970207

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**EP 95402916 A 19951222**; FR 9415547 A 19941223