

Title (en)

A refrigeration system and method for refrigerating two compartments with evaporators in series

Title (de)

Kühlsystem und Verfahren zum Kühlen von zwei Fächern mit Serienverdampfern

Title (fr)

Système de réfrigération et procédé pour réfrigérer deux compartiments avec des évaporateurs en série

Publication

EP 2520881 A1 20121107 (EN)

Application

EP 11165082 A 20110506

Priority

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Abstract (en)

A refrigeration system (10) for cooling at least two compartments (12,14) comprises a compressor (16), a freezer compartment (12) including a first evaporator (20) and a fan (24) associated therewith and a fresh food compartment (14) including a second evaporator (22), wherein said first and second evaporators are arranged in series. The compressor is a variable capacity compressor and the system comprises a control unit adapted to control the fan associated with the first evaporator in order to keep temperatures in both compartments close to set points independently on changes in environmental or use conditions.

IPC 8 full level

F25D 17/06 (2006.01)

CPC (source: EP)

F25D 17/065 (2013.01); **F25D 29/00** (2013.01); **F25B 2600/0253** (2013.01); **F25B 2600/112** (2013.01)

Citation (search report)

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- [XI] US 6327867 B1 20011211 - HYODO AKIRA [JP], et al
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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)

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