

Title (en)

IMPROVING THE ENERGY EFFICIENCY OF ROOM AIR CONDITIONER.

Title (de)

VERBESSERUNG DER ENERGIEEFFIZIENZ EINER RAUMKLIMAANLAGE

Title (fr)

AMÉLIORATION DE L'EFFICACITÉ ÉNERGÉTIQUE D'UN CLIMATISEUR INDIVIDUEL

Publication

EP 2972007 A1 20160120 (EN)

Application

EP 14775582 A 20140313

Priority

- US 201313800322 A 20130313
- US 2014026070 W 20140313

Abstract (en)

[origin: US2013255309A1] A high-efficiency air conditioning system for chilling an interior of a building that includes: a compressor; a condenser having a condenser fan associated with the condenser that moves air to cool the condenser; at least two evaporator sections wherein a first evaporator section operates at a first evaporator pressure and a second evaporator section operates at a second evaporator pressure that is different than the first evaporator pressure; at least a first throttling device and a second throttling device having different throttling characteristics with the first throttling device being less restrictive than the second throttling device; and a plurality of refrigerant conduits.

IPC 8 full level

F25B 5/02 (2006.01); **F24F 1/10** (2011.01); **F24F 1/48** (2011.01); **F24F 3/14** (2006.01); **F25B 1/10** (2006.01); **F25B 6/02** (2006.01); **F25B 41/04** (2006.01); **F25B 49/02** (2006.01); **F25D 17/02** (2006.01)

CPC (source: EP US)

F24F 3/1405 (2013.01 - EP US); **F25B 1/00** (2013.01 - US); **F25B 1/10** (2013.01 - EP US); **F25B 5/00** (2013.01 - US); **F25B 5/02** (2013.01 - EP US); **F25B 7/00** (2013.01 - US); **F25B 39/028** (2013.01 - US); **F25B 41/22** (2021.01 - EP US); **F25B 49/02** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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