

Title (en)
REFRIGERATION DEVICE COMPRISING MULTIPLE STORAGE CHAMBERS

Title (de)
KÄLTEGERÄT MIT MEHREREN LAGERKAMMERN

Title (fr)
APPAREIL DE FROID POURVU D'UNE PLURALITÉ DE COMPARTIMENTS DE STOCKAGE

Publication
EP 3417213 B1 20231004 (DE)

Application
EP 17702099 A 20170131

Priority
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• EP 2017051971 W 20170131

Abstract (en)
[origin: WO2017140488A1] A refrigeration device comprises at least a first storage chamber (17), a second storage chamber (18) and a refrigerant circuit, in which a first controllable throttle point (9), a first heat exchanger (10) for controlling the temperature of the first storage chamber (17), a second controllable throttle point (11) and a second heat exchanger (16) for cooling the second storage chamber (18) are connected in series between a pressure connection (2) and a suction connection (3). At least a hot line section (22, 26, 30), located upstream of the second heat exchanger (16), and a cold line section (21, 25), located downstream of the second heat exchanger (16), are routed in thermal contact with respect to one another in order to form an internal heat exchanger (23, 24, 29), and the first heat exchanger (10) is connected to the pressure connection (2) bypassing the hot line section (22, 26, 30).

IPC 8 full level
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CPC (source: EP US)
F25B 5/00 (2013.01 - EP US); **F25B 5/02** (2013.01 - US); **F25B 40/00** (2013.01 - EP US); **F25B 41/385** (2021.01 - EP); **F25B 41/39** (2021.01 - EP); **F25B 49/02** (2013.01 - US); **F25D 11/022** (2013.01 - EP US); **F25B 41/385** (2021.01 - US); **F25B 41/39** (2021.01 - US); **F25B 2341/062** (2013.01 - EP US); **F25B 2400/052** (2013.01 - EP US); **F25B 2400/054** (2013.01 - EP US)

Citation (examination)
US 2014020410 A1 20140123 - PEREZ ERIC [US], et al

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