

Title (en)
Air temperature conditioning system.

Title (de)
Luftklimatisierungssystem.

Title (fr)
Système de conditionnement d'air.

Publication
EP 0077414 A1 19830427 (EN)

Application
EP 81108580 A 19811020

Priority
EP 81108580 A 19811020

Abstract (en)
A refrigeration cycle apparatus in which the loss of energy encountered during stopping and starting of the compressor is reduced and in which heating can be continuously carried out even when defrosting an outdoor heat exchanger. A compressor (1), a condenser (4), an expansion device (6) and an evaporator (7) are connected in series with one another with the compressor (1) being coupled to a device such as a thermostat when repeatedly starts and stops the compressor (1) in response to a sensed room temperature. The refrigerant on the high pressure side of the compressor is isolated from the refrigerant on the low pressure side of the compressor when the compressor is stopped by a suitable arrangement (5, 2) so that no high back pressure is imposed upon the compressor when it is started.

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F25B 41/04; **F25B 13/00**

IPC 8 full level
F25B 13/00 (2006.01); **F25B 41/04** (2006.01); **F25B 47/02** (2006.01)

CPC (source: EP US)
F25B 13/00 (2013.01 - EP US); **F25B 41/20** (2021.01 - EP US); **F25B 41/24** (2021.01 - EP US); **F25B 47/022** (2013.01 - EP)

Citation (search report)

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