

Title (en)
COMPRESSOR REFRIGERATING PLANT

Title (de)
KOMPRESSIONSKÄLTEANLAGE

Title (fr)
INSTALLATION FRIGORIFIQUE A COMPRESSION

Publication
EP 0876576 A1 19981111 (DE)

Application
EP 96900877 A 19960126

Priority
• CN 96199783 A 19960126
• DE 9600140 W 19960126
• US 11948498 A 19980720

Abstract (en)
[origin: WO9727437A1] The description relates to a compressor refrigerating plant (10) with a compressor (12), a gas cooler (14), an expansion device (16) and an evaporator (18) and possibly or preferably an intermediate heat exchanger (28) interconnected in a circuit containing a coolant. According to the invention, the filling ratio (f) of the coolant is between 50 and 100 % of the critical density of the coolant, which preferably consists of carbon dioxide.

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F25B 9/00

IPC 8 full level
F25B 1/00 (2006.01); **F25B 9/00** (2006.01)

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F25B 9/008 (2013.01 - EP US); **F25B 2309/061** (2013.01 - EP US); **F25B 2600/17** (2013.01 - EP US)

Citation (search report)
See references of WO 9727437A1

Cited by
DE102010001929A1; DE102010001929B4; DE102014214656A1

Designated contracting state (EPC)
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WO 9727437 A1 19970731; AU 4482496 A 19970820; BR 9612461 A 19990713; CN 1113205 C 20030702; CN 1207803 A 19990210; DE 19681212 D2 19990311; DE 59604923 D1 20000511; EP 0876576 A1 19981111; EP 0876576 B1 20000405; ES 2144722 T3 20000616; JP 2000515958 A 20001128; JP 3665346 B2 20050629; US 6085544 A 20000711

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