

Title (en)
REFRIGERANT COMPRESSOR CAPACITY CONTROL APPARATUS

Publication
EP 0009145 B1 19820728 (EN)

Application
EP 79103180 A 19790828

Priority
US 94423778 A 19780920

Abstract (en)
[origin: EP0009145A1] A capacity control for a multi-cylinder refrigeration compressor (20) includes a modulating valve (40) disposed between a suction manifold (34) and less than all of the cylinders (30) of the refrigeration compressor (20). The modulating valve (40) regulates the flow of refrigerant gas from the manifold (34) to the cylinders (30) in communication therewith, with the valve (40) functioning to increase the flow of refrigerant gas to the cylinders (30) as the load on the refrigeration unit (10) increases and to decrease the flow of refrigerant as the load on the refrigeration unit (10) decreases.

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F25B 49/00; F04B 49/00

IPC 8 full level
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CPC (source: EP US)
F04B 49/225 (2013.01 - EP); **F25B 49/022** (2013.01 - EP US); **F25B 41/22** (2021.01 - EP US); **F25B 2400/074** (2013.01 - EP)

Cited by
KR100898023B1; US4452570A; EP0297514A1; US4452571A; US4382749A; EP1876354A3; EP1279833A3

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EP 0009145 A1 19800402; **EP 0009145 B1 19820728**; AR 221901 A1 19810331; AT E1396 T1 19820815; AU 5038479 A 19800327; AU 532017 B2 19830915; BR 7905936 A 19800527; DE 2963419 D1 19820916; DK 361879 A 19800321; ES 484265 A1 19800401; ES 485139 A1 19800516; IL 58116 A0 19791230; IL 58116 A 19821130; IN 152999 B 19840519; JP S5551978 A 19800416; MX 147475 A 19821203; NO 146446 B 19820621; NO 146446 C 19820929; NO 793007 L 19800321; PH 18397 A 19850621; ZA 794377 B 19801126

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