

Title (en)
ROTARY COMPRESSOR

Title (de)
ROTATIONSVERDICHTER

Title (fr)
COMPRESSEUR ROTATIF

Publication
EP 2873864 B1 20200909 (EN)

Application
EP 13810070 A 20130621

Priority
• JP 2012142634 A 20120626
• JP 2013003893 W 20130621

Abstract (en)
[origin: EP2873864A1] A rotary compressor 100 includes a hermetic container 1, a second cylinder 15, a second piston 28, a lower bearing member 7 (end plate member), a second vane 33, a second suction port 20, a second discharge port 41, a second closing member 10 and an oil retaining section 53. The second closing member 10 is mounted on the lower bearing member 7 such that a refrigerant discharge space 52 as a flow path for refrigerant discharged from a second discharge chamber 26b through the second discharge port 41 is formed on the opposite side from a second cylinder chamber 26. The refrigerant discharge space 52 is a space formed by substantially a minimum projection surface of a valve stop, a penetrating flow path 46 and a passage 45. Hence, heat-reception of sucked refrigerant is suppressed.

IPC 8 full level
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CPC (source: CN EP)
F04C 18/3564 (2013.01 - CN EP); **F04C 23/008** (2013.01 - CN EP); **F04C 29/04** (2013.01 - CN EP); **F04C 29/12** (2013.01 - CN EP); **F04C 23/001** (2013.01 - CN EP)

Citation (examination)
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Cited by
EP3321507A1; AU2017251728B2; US10563655B2; US10458408B2

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