

Title (en)
Reciprocating compressor

Title (de)
Hubkolbenverdichter

Title (fr)
Compresseur à mouvement alternatif

Publication
EP 2818704 B1 20160406 (EN)

Application
EP 14170949 A 20140603

Priority
JP 2013121087 A 20130607

Abstract (en)
[origin: EP2818704A1] A reciprocating compressor (100) includes: a suction chamber (141) into which a refrigerant flows from a suction passage (104a); a plurality of cylinder bores (101a) surrounding the drive shaft (110); a suction hole (103a); and a discharge chamber (142) surrounding the suction chamber (141). The reciprocating compressor (100) includes: a partition member (150) partitioning the suction chamber (141) into a first space portion (141a) connected to the suction passage (104a) and a second space portion (141b) connected to the suction hole (103a), and a suction throttle valve (250) that adjusts the area of an opening of a housing (253), the a suction throttle valve (250) being configured to increase the opening area as a pressure difference between the first space portion (141a) and the second space portion (141b) is increased and to decrease the opening area as the pressure difference is decreased.

IPC 8 full level
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