

Title (en)
RECIPROCATING COMPRESSOR

Title (de)
HUBKOLBENVERDICHTER

Title (fr)
COMPRESSEUR À PISTON

Publication
EP 2891800 A4 20160907 (EN)

Application
EP 12885949 A 20121001

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Abstract (en)
[origin: EP2891800A1] A reciprocating compressor according to at least one embodiment of the present invention includes a housing which includes an intake chamber, a discharge chamber, a cylinder, and a crank chamber, the crank chamber having a lower portion formed as an oil storage chamber configured to store lubricant; a piston which is reciprocally located in the cylinder; a crank shaft which is rotatably arranged in the crank chamber and is coupled to the piston via a connecting rod; a pressure equalization path through which the intake chamber and the crank chamber communicates, the pressure equalization path having an opening end open to the crank chamber; and a partition member which is located between the crank shaft and the opening end of the pressure equalization path. The partition member extends below the crank shaft from one side of the crank shaft to the other side of the crank shaft so as to cover at least the lower side of the crank shaft.

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Citation (search report)

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- [A] US 2844305 A 19580722 - BECHT RICHARD J, et al
- [A] US 6010314 A 20000104 - KOBAYASHI HISAKAZU [JP], et al
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CN109863302A

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