

Title (en)
RECIPROCATING PISTON COMPRESSOR

Title (de)
HUBKOLBENVERDICHTER

Title (fr)
COMPRESSEUR À PISTON ALTERNATIF

Publication
EP 2064445 B1 20121010 (DE)

Application
EP 07788285 A 20070807

Priority
• EP 2007058184 W 20070807
• DE 102006042015 A 20060907

Abstract (en)
[origin: WO2008028736A1] A compressor comprises a cylinder (15) in which a compressor chamber (14) having a circular cross-section is configured. Inlet and outlet openings (18, 19) for a medium to be compressed are configured in a face wall (12) of the cylinder (15). The compressor also comprises a reciprocating piston (32) which reciprocates inside the compressor chamber (14), said piston having an expulsion projection (33) on its surface facing the face wall (12). Said projection engages in the outlet opening (18) in a dead center position of the reciprocating piston (32). The longitudinal axis of the cylinder (15) runs through the outlet opening (18).

IPC 8 full level
F04B 35/04 (2006.01); **F04B 39/10** (2006.01)

CPC (source: EP US)
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