

Title (en)
RECIPROCATING-PISTON COMPRESSOR HAVING NON-CONTACT GAP SEAL

Title (de)
HUBKOLBENVERDICHTER MIT BERÜHRUNGSLOSER SPALTDICHTUNG

Title (fr)
COMPRESSEUR A PISTONS DOTE D'UNE ETANCHEITE D'INTERSTICE SANS CONTACT

Publication
EP 1989443 B1 20090812 (DE)

Application
EP 07722864 A 20070220

Priority
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Abstract (en)
[origin: DE102006007743A1] Reciprocating compressor (1) comprises working cylinders (2, 4) sealed from each other in the region of a piston rod (10) by a seal in the form of an axial gap seal (66) formed between a radial outer peripheral surface of the piston rod and a radial inner peripheral surface of a through opening (32). An independent claim is also included for braking system of a vehicle actuated by compressed air an containing the above reciprocating compressor. Preferred Features: The radial inner peripheral surface of a through opening is provided with radial grooves (68) arranged at an axial distance from each other.

IPC 8 full level
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