

Title (en)

APPARATUS FOR ADJUSTING TOP CLEARANCE OF RECIPROCATING COMPRESSOR

Title (de)

VORRICHTUNG ZUR EINSTELLUNG DES OBEREN SPIELS EINES HUBKOLBENKOMPRESSORS

Title (fr)

APPAREIL DE RÉGLAGE DU DÉGAGEMENT SUPÉRIEUR D'UN COMPRESSEUR ALTERNATIF

Publication

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Application

**EP 06824169 A 20061214**

Priority

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Abstract (en)

[origin: WO2008072809A1] Provided is an apparatus for adjusting a top clearance of a reciprocating compressor including: a housing, a cylinder block having a plurality of cylinder bores, pistons reciprocally accommodated in the cylinder bores, a piston drive means for driving the pistons, piston connection shafts connected to the pistons, suction/discharge valves installed opposite to bottoms of the pistons, and a suction chamber and a discharge chamber formed in the housing through the medium of the suction/discharge valves, characterized in that each of the piston connection shafts has a conveyance nut threadedly engaged therearound. Therefore, it is possible to readily and precisely adjust a top clearance between a piston and a valve apparatus of a reciprocating compressor, and a dead volume caused by the top clearance can be minimized depending on characteristics of the valve and piston.

IPC 8 full level

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