

Title (en)

DRIVING ROD FOR THE PISTON OF A RECIPROCATING COMPRESSOR

Title (de)

SCHUBSTANGE FÜR DEN KOLBEN EINES HUBKOLBENVERDICHTERS

Title (fr)

TIGE D'ENTRAÎNEMENT DESTINÉE AU PISTON D'UN COMPRESSEUR ALTERNATIF

Publication

EP 1856413 B1 20150715 (EN)

Application

EP 06721573 A 20060201

Priority

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Abstract (en)

[origin: WO2006081642A2] A driving rod for the piston of a reciprocating compressor of the type that comprises: a cylinder block (10) defining a compression chamber (11); a piston (20) reciprocating within the compression chamber (11); a driving means (DM) to apply reciprocating forces to the piston (20); and a driving rod (50) disposed between the piston (20) and the driving means (DM) and comprising a number (n), greater than 1, of rods (51) disposed side by side along the axis of the driving rod (50) and each presenting a cross-section that is dimensioned and configured to impart to the driving rod (50), jointly with the other rods (51), a required axial rigidity and a flexibility, in at least one direction transversal to the axis of the driving rod (50), sufficient to absorb, at least substantially, the forces exerted on the piston (20) by the driving rod (50) and by the driving means (DM).

IPC 8 full level

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CPC (source: EP KR US)

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