

Title (en)

SYSTEM FOR CONSTRUCTION OF PUMPS, COMPRESSORS AND ROTARY ENGINE COMPOSED OF TWO ROTORS WITH ONE, TWO OR MORE DISPLACER'S EACH, THAT MOVE THEMSELVES IN THE SAME DIRECTION AT SPEEDS THAT ARE VARYING AND ALTERNATIVELY OPPOSITE EACH OTHER

Title (de)

SYSTEM ZUR HERSTELLUNG VON PUMPEN UND KOMPRESSOREN SOWIE AUS ZWEI ROTOREN UND EINEM, ZWEI ODER MEHREREN VERSETZTEN UND BEI VARIABLER GESCHWINDIGKEIT IN DIESELBE RICHTUNG BEWEGTEN VERDRÄNGERN ZUSAMMENGESETZTER UMLAUFMOTOR

Title (fr)

SYSTÈME DESTINÉ À CONSTRUIRE DES POMPES, DES COMPRESSEURS ET UN MOTEUR ROTATIF CONSTITUÉ DE DEUX ROTORS PRÉSENTANT UN, DEUX OU PLUSIEURS DISPOSITIFS DE DÉPLACEMENT QUI SE DÉPLACENT CHACUN DANS LA MÊME DIRECTION, À VITESSES VARIABLES, DE MANIÈRE À ÊTRE ALTERNATIVEMENT OPPOSÉS ENTRE EUX

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Application

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Priority

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Abstract (en)

[origin: WO2009129588A1] The new system is characterized by the fact that the displaced volume and the relative position of the intake, exhaust ports (31,30), sparkplugs, etc. in relation to the displacers (1,1 ' and 3,3), may be varied by modifying the angular and linear distance between the geometric axes of the double crankshaft (11), allowing this oscillating movement of varying speed, and the geometric axis of the arms (6,7) attached to the rotor with their respective displacers. By placing the double crankshaft (11) or the positive displacement machine on a chute (13) or sliding axes and change by means of a spindle (14) the distances between the geometrical axes, modify also the level of maximum and minimum distance among the displacer's. By modifying the angular distance between the fixed parts of the chamber and the double crankshaft the position of the intake and exhaust ports is also changed, this alteration can be operated with the system detained or in movement in a manual form or motorized and computerized form.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2009129588A1

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