

Title (en)

PRESSURIZED-AIR ENGINE AND PUMP WTH SUCH A PRESSURIZED-AIR ENGINE

Title (de)

DRUCKLUFTMOTOR UND PUMPE MIT EINEM SOLCHEN DRUCKLUFTMOTOR

Title (fr)

MOTEUR À AIR COMPRIMÉ ET POMPE COMPRENANT UN TEL MOTEUR

Publication

EP 3237727 A1 20171101 (FR)

Application

EP 15817872 A 20151224

Priority

- FR 1463354 A 20141226
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Abstract (en)

[origin: WO2016102704A1] The present invention concerns an air motor (10) comprising a piston (20) and a housing (15), the piston (20) being received in the housing and dividing the housing into two primary chambers (165,170) of variable volume. Said motor comprises a first direct supply valve for supplying a first primary chamber (165) of the two primary chambers and a second direct supply valve for supplying the other primary chamber (170), said two valves each being movable relative to at least one respective seat. The first valve and the second valve are mounted on a same stem (30) movable relative to the housing (15) in a direction (A6) parallel to the direction (Z) of movement of the piston, and the stem is configured to be moved between a first position and a second position by moving means activated by the piston.

IPC 8 full level

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Citation (search report)

See references of WO 2016102704A1

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