

Title (en)

ROTARY MACHINE WITH PISTONS AND A TURRET

Title (de)

ROTATIONSMASCHINE MIT KOLBEN UND EINEM REVOLVERKOPF

Title (fr)

MACHINE ROTATIVE A PISTONS ET BARILLET

Publication

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Application

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Abstract (en)

[origin: WO2010026505A1] The invention relates to a rotary machine with pistons (22) and a turret (25), including: - a frame (2), through which a shaft (1) extends, having a geometrical axis x-x' and mounted in a stationary manner relative to the frame (2); - a thrust plate (9) rotatably mounted on the shaft (1); - an oscillating plate (15) bearing on the thrust plate (9); - a torsion bar (18), a first end of which is pivotably connected to the frame (2) and a second end of which is pivotably connected to the oscillating plate (15); - a spherical female bushing (14) rigidly connected to the oscillating plate (15) and pivotably connected around a spherical male knuckle centered on the shaft (1), the knuckle including a spherical male bushing (10) rotatably mounted relative to the shaft (1), characterized in that the rotary machine includes a means for rotating the spherical male bushing (10) about the geometric axis x-x'.

IPC 8 full level

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