

ABSTRACT**REVOLVING VANE COMPRESSOR and METHOD for its MANUFACTURE**

5 A revolving vane compressor comprising: a cylinder having a cylinder longitudinal axis
of rotation, a rotor mounted within the cylinder and having a rotor longitudinal axis of
rotation, the rotor longitudinal axis and the cylinder longitudinal axis being spaced from
each other for relative movement between the rotor and the cylinder; a vane operatively
engaged in a slot for causing the cylinder and the rotor to rotate together, the vane being
mounted in the slot with a two degree-of-freedom motion relative to the slot for
10 enabling the rotor and the cylinder to rotate with each other.

Figure 2