

ABSTRACT

There is originally difficult and contradictive technical problems for a vane rotary type mechanism of prior art, which is impossible to realize at the same time as a fatal factor coming from a composition which must divide a room being capable of change of its capacity when pushing a vane (blade 5) toward a cam-ring (a circle-shaped room portion 2). Because it must be achieved at the same time by completely improving some serious problems, such as abrasion at an edge of a vane, an additional composition pertinently to push and operate a vane mechanism and obtainment of airtightness and smooth operation on condition of obtainment of seal, which were very difficult in prior art.

Means to improve the above-mentioned problems is perfectly achieved by this invention which comprises: a small rotor integrated with a main axis and biased against a cylinder-type large rotor for holding a bearing-housing, slant sliding slots made at facing places in equally divided space between said large rotor and small rotor, vanes having a certain angle fitted onto said slots as if they were bridges, and a sucking mouth and an exhausting mouth provided at positions on side-housings.

This Sheet Has Been Replaced

