

ABSTRACT OF THE DISCLOSURE

A blade 8 is integrally fixed to a roller 7 mounted around an eccentric section 22 of a drive shaft 21. The blade 8 extend radially outwardly of the roller 7, and partitions the inside of a cylinder chamber 41 into a compression chamber X and a suction chamber Y. A protruded end portion of the blade 8 is received in a reception groove 11a of a support member 11 which is pivotally supported by a stationary member 4. A substitute fleon refrigerant is used as a working fluid in the cylinder chamber 41, and an oil adapted to the substitute fleon refrigerant is used as a lubricating oil for a compressor CP. While using the substitute fleon refrigerant, the deterioration of the oil in the compressor is prevented.