

ABSTRACT OF THE DISCLOSURE

SCREW COMPRESSOR

A screw compressor is disclosed wherein a pair of rotor shafts are disposed horizontally and an oil sump is formed at the bottom of a bearing casing which accommodates bearings for supporting the rotor shafts, a bearing lower portion being soaked into oil present in the oil sump for lubrication. The screw compressor comprises a chamber provided separately from the bearing casing, an oil line for communication between the oil sump in the bearing casing and the chamber and oil level detecting means disposed in the chamber. According to this structure, the oil level in the bearing casing can be checked accurately and there is no fear of oil shortage in the bearings.