

COMPRESSOR

ABSTRACT

A scroll compressor is configured to supply oil to a scroll compression element (310) and a bearing mounted on one end of a rotary shaft (340) via an oil pump (310) mounted on the other end of the rotary shaft. The oil pump (310) has a housing (607) with a first slot (606), a first inlet (602), a first outlet (603), a second slot (613), a second inlet (604), and a second outlet (605). A first rotor (610) is housed in, and rock is, a first cylinder (608) of the housing (607) with a first key (611) thereof engaged in the first slot (606), and closes the opening of a second cylinder (612) of the housing (607). A second rotor (620) is housed in, and rocks in, the second cylinder (612) with a second key (621) thereof engaged in the second slot (613). A cover closes the opening of the first cylinder (608). The first and second rotors (610, 620) are rocked by the rotary shaft (340).

Fig. 1