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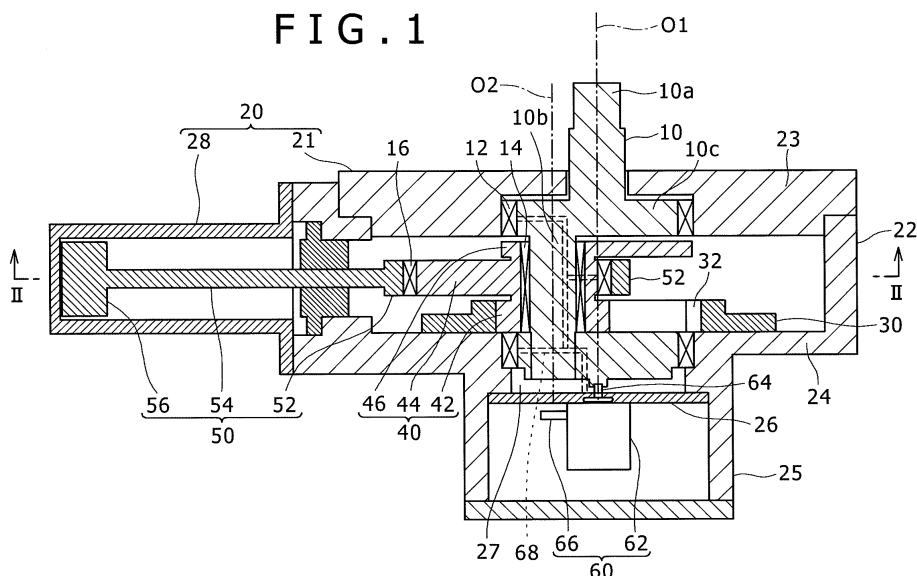
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(54) Compressor

(57) A compressor of the present invention includes a crank shaft, a bearing, a casing, an outer-race gear that is disposed so as to surround the crank shaft, a planetary gear that has a radius of a pitch circle set to a half of a radius of a pitch circle of the outer-race gear and causes the crank shaft to be inserted therethrough so that the planetary gear rotates relative to the crank shaft, a piston that is connected to the planetary gear so as to

rotate relative to the planetary gear and moves in a reciprocating manner in the direction parallel to the radial direction of the outer-race gear inside the casing in a manner such that the planetary gear rotates inside the outer-race gear while engaging with the outer-race gear, and a pump that supplies lubricant to the bearing. Here, the pump is accommodated inside the casing.

FIG. 1



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Place of search Munich		Date of completion of the search 12 September 2014	Examiner Gnächtel, Frank
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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