

Title (en)
TWO-STAGE RECIPROCATING COMPRESSOR

Title (de)
ZWEISTUFIGER HUBKOLBENVERDICHTER

Title (fr)
COMPRESSEUR ALTERNATIF À DEUX ÉTAGES

Publication
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Application
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Abstract (en)
A reciprocating compressor relating to one aspect of the present invention includes a rotatable drive source accommodated within a case, an output shaft for outputting rotation provided from the rotatable drive source, where the output shaft extends in an axial direction such that one end thereof protrudes through an end surface of the case, a low-pressure compressor element for compressing air, where the low-pressure compressor element is powered by a rotational drive force provided from the output shaft, an intercooler for cooling compressed air discharged from the low-pressure compressor element, a high-pressure compressor element for further compressing the compressed air that has been cooled by the intercooler, where the high-pressure compressor element is powered by a rotational drive force provided from the motor output shaft, and a fan connected to the output shaft, where the fan is interposed between the end surface of the housing and the intercooler in the axial direction.

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