

Title (en)
COMPRESSOR

Title (de)
VERDICHTER

Title (fr)
COMPRESSEUR

Publication
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Application
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Priority

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Abstract (en)
[origin: WO0181765A1] A compressor including a cylinder assembly having a compression space through which suction passages and discharge passages are connected, a rotation driving unit inserted into the compression space of the cylinder assembly to transfer a rotation force, a slant compression slanted plate installed in the compression space to divide the compression space into at least two parts and rotating by being connected to the rotation driving unit, and vane units attached on both sides of the slant compression plate to classify the partitioned compression space into a suction space and a compression. With this construction, a vibration and a noise can be reduced and a stable driving force can be obtained even with a relatively small capacity electric motor. In addition, since fluid can be compressed and discharged simultaneously in both sides of the slant compression plate, an excellent compression performance can be accomplished in a simple structure.

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