

Title (en)
ROTARY COMPRESSOR

Title (de)
ROTATIONSVERDICHTER

Title (fr)
COMPRESSEUR ROTATIF

Publication
EP 3015712 B1 20190501 (EN)

Application
EP 14849841 A 20140820

Priority
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Abstract (en)
[origin: EP3015712A1] Provided is a rotary compressor that: removes limitations such as restrictions on intake pipe diameter, seal limits on a separator plate, and assembly limits on a rotating shaft; makes possible a limit design exceeding that of the present situation; and achieves increased efficiency, a reduced number of components, and a simplified assembly. A multi-cylinder rotary compressor (1) provided with a plurality of cylinders (8, 9), wherein a rotating shaft (3) provided with a plurality of eccentric shaft parts (4, 5) at prescribed intervals in an axial direction is divided by a center shaft part (6) between the eccentric shaft parts (4, 5) into a rotating shaft having a divided structure that can be integrally linked, and the plurality of cylinders (8, 9) have cylinder chambers (16, 17) formed in both end surfaces, resulting in an integrated-structure cylinder (11) in which a separator plate (10) partitioning the cylinder chambers (16, 17) is integrally formed in the center.

IPC 8 full level
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