

Title (en)
ROTARY COMPRESSOR

Title (de)
ROTATIONSVERDICHTER

Title (fr)
COMPRESSEUR ROTATIF

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EP 3369932 A1 20180905 (EN)

Application
EP 16859259 A 20161006

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Abstract (en)
Provided is a rotary compressor capable of reducing pulsation based on an acoustic eigenvalue of a two-layer structured muffler. This rotary compressor (10) includes an upper muffler (50) including a first muffler (50A) provided on an inner side, and a second muffler (50B) provided on the outer side of the first muffler (50A) and covering the first muffler (50A). The acoustic eigenvalue of the pre-specified frequency (F) is excited in the first muffler (50A), and the second muffler (50B) absorbs a sound wave of the frequency (F) transmitted through the first muffler (50A). The intervals (L2) between second discharge openings (56B1, 56B2, 56B3) of the second muffler (50B) are 1/2 the interval (L1) between first discharge openings (56A1, 56A2) of the first muffler (50A), which is the most effective configuration for achieving the effects of the present invention.

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