

Title (en)  
COMPRESSOR

Title (de)  
VERDICHTER

Title (fr)  
COMPRESSEUR

Publication  
**EP 2778421 B1 20160608 (EN)**

Application  
**EP 12846914 A 20121107**

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Abstract (en)  
[origin: EP2778421A1] The present invention provides an efficient compressor in which a suction hole 12 includes a reduced-diameter portion 12a located on the downstream side, and an increased-diameter portion 12b located on the upstream side, a non-contact length from a downstream side tip end of a suction liner 13 to the reduced-diameter portion 12a is shorter than a length of the reduced-diameter portion 12a, a heat-insulating space 16 is formed between the suction liner 13 and the increased-diameter portion 12b, an inner diameter  $\varnothing_{C1}$  of the reduced-diameter portion 12a is equal to an inner diameter  $\varnothing_L$  of the suction liner 13, movement of heat toward suction refrigerant gas in a suction pipe path extending from the suction liner to the suction chamber is suppressed, and a pressure loss can be minimized.

IPC 8 full level  
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