

Title (en)  
MULTI-STAGE COMPRESSOR

Title (de)  
MEHRSTUFIGER VERDICHTER

Title (fr)  
COMPRESSEUR À PLUSIEURS ÉTAGES

Publication  
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Application  
**EP 21742711 A 20210707**

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Abstract (en)  
[origin: WO2022008018A1] A multi-stage compressor for compressing a fluid, the compressor comprising: two or more cylinders each having a compression chamber and a piston, so that a fluid in each of the compression chambers can be compressed by the associated piston; the cylinders being connected in series such that a fluid entering an inlet of the compressor can be compressed to a first pressure in the compression chamber of a first cylinder and, then, enter into the compression chamber of a second cylinder where the compressed fluid is compressed to a second higher pressure and, before the fluid exits from an outlet of the compressor; wherein each piston is driven by one and the same crankpin of the compressor. Furthermore, a method for compressing a fluid, and a system for comprising the multi-stage stage compressor are disclosed.

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