

Title (en)  
SCROLL COMPRESSOR

Title (de)  
SPIRALVERDICHTER

Title (fr)  
COMPRESSEUR À SPIRALES

Publication  
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Application  
**EP 19805654 A 20191118**

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Abstract (en)  
[origin: WO2021098941A1] The invention relates to a scroll compressor with a high-pressure chamber (80), a low-pressure chamber (87), an orbiting displacement spiral (60) which is arranged on a driven eccentric unit (50) and which engages into a stationary spiral (62), said displacement spiral (60) and stationary spiral (62) delimiting a compression chamber (61), and a counter pressure chamber (82) which adjoins the displacement spiral (60) and which is fluidically connected to the high-pressure chamber (80) via a gas connection channel (100) and to the compression chamber (61) via a fluid passage (70) provided on the displacement spiral (60). The fluid passage (70) is equipped with a Venturi nozzle (71) which has at least one transverse opening (741, 742) at the constricted section (72) of the Venturi nozzle, wherein the transverse opening (741, 742) is fluidically connected to the counter pressure chamber (82).

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