

Title (en)  
SCREW COMPRESSOR, AIR CONDITIONING DEVICE AND REFRIGERATING DEVICE

Title (de)  
SCHRAUBENVERDICHTER, KLIMATISIERUNGSVORRICHTUNG UND KÜHLVORRICHTUNG

Title (fr)  
COMPRESSEUR À VIS, DISPOSITIF DE CLIMATISATION ET DISPOSITIF DE RÉFRIGÉRATION

Publication  
**EP 3617516 B1 20211006 (EN)**

Application  
**EP 17907068 A 20171228**

Priority  
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• CN 2017119427 W 20171228

Abstract (en)  
[origin: EP3617516A1] Disclosed are a screw compressor, and a gas conditioning apparatus and a refrigeration apparatus including the screw compressor. The screw compressor includes a body (10), in which a gas-supplement channel is provided, and the gas-supplement channel has at least two gas-supplement holes (201) communicated with a compression chamber. A number of the gas-supplement holes in the screw compressor is at least two. In a case that space available in the body (10) for disposing the gas-supplement holes (201) is limited, a hole diameter of each of the gas-supplement holes (201) is smaller. A larger number of gas-supplement holes (201) with smaller hole diameter are beneficial for reducing gas flow pulsation, thereby reducing noise in a gas-supplement process.

IPC 8 full level  
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EP 2565456 A1 20130306 - SHANGHAI POWER TECH SCREW MACHINERY CO LTD [CN]

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