

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 A1 20200304 (EN)

Application
EP 17907068 A 20171228

Priority
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• CN 2017119427 W 20171228

Abstract (en)
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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