

Title (en)
Scroll compressor

Title (de)
Spiralverdichter

Title (fr)
Compresseur à spirales

Publication
EP 2441959 B1 20170301 (EN)

Application
EP 11184562 A 20111010

Priority
JP 2010229779 A 20101012

Abstract (en)
[origin: EP2441959A1] To improve the strength of a fixed scroll of a scroll compressor and suppress the compression performance, a scroll compressor includes a fixed scroll 3 in which a spiral wall 32 is provided on an inner face of an end plate 31, an external wall 34 is provided integrally with the end plate 31 so as to surround a periphery of the wall 32, and a pair of fluid channels 36 penetrating the external wall 34 is provided. A centerline S of the fluid channel 36 is arranged to be deviated from a center O of an involute base circle of the wall.

IPC 8 full level
F04C 18/02 (2006.01); **F04C 29/12** (2006.01)

CPC (source: EP)
F04C 18/0215 (2013.01); **F04C 23/008** (2013.01); **F04C 29/12** (2013.01); **F04C 2250/101** (2013.01)

Citation (examination)
JP 2005240636 A 20050908 - MITSUBISHI HEAVY IND LTD

Designated contracting state (EPC)
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DOCDB simple family (publication)
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