

Title (en)
Scroll-type compressor

Title (de)
Spiralverdichter

Title (fr)
Compresseur à spirales

Publication
EP 1087141 A2 20010328 (EN)

Application
EP 00120916 A 20000926

Priority
JP 27286399 A 19990927

Abstract (en)
A scroll-type compressor having an improved seal structure includes a stationary scroll (11) and a movable scroll (21). Gas is discharged to an inner zone (44) through a discharge port (35) in accordance with orbital movement of the movable scroll (21). The seal structure includes a seal member (46), which is located between a movable base plate (23) and a radial projection (42). The seal member (46) substantially prevents gas that is discharged from the discharge port (35) from flowing radially from the zone (44). The seal member (46) is moved axially by the force of gas pressure. <IMAGE>

IPC 1-7
F04C 18/02; **F04C 27/00**

IPC 8 full level
F04C 18/02 (2006.01); **F04C 27/00** (2006.01)

CPC (source: EP)
F04C 27/005 (2013.01); **F04C 18/0215** (2013.01)

Citation (applicant)
JP H04175483 A 19920623 - HITACHI LTD

Cited by
US6568928B2; US6464481B2

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
EP 1087141 A2 20010328; **EP 1087141 A3 20020403**; JP 2001090680 A 20010403

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