

Title (en)
SCREW COMPRESSOR

Title (de)
SCHRAUBENVERDICHTER

Title (fr)
COMPRESSEUR À VIS

Publication
EP 3252310 B1 20240403 (EN)

Application
EP 15879918 A 20150128

Priority
JP 2015052275 W 20150128

Abstract (en)
[origin: EP3252310A1] A screw compressor 1 includes a casing body 8, a screw rotor 9 disposed to rotate inside the casing body 8, a slide valve 14 movably provided between the casing body 8 and the screw rotor 9, a high-low pressure partition wall 17 provided to face a back surface side 14f of the slide valve 14 and configured to divide an interior of the casing body 8 into a discharge pressure space and a suction pressure space, and an injection mechanism 20 configured to supply oil to a gap between the high-low pressure partition wall 17 and the back surface side of the slide valve 14 to seal the gap.

IPC 8 full level
F04C 18/16 (2006.01); **F04C 18/52** (2006.01); **F04C 27/00** (2006.01); **F04C 28/12** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)
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