

Title (en)
COMPRESSOR VALVE ASSEMBLY

Title (de)
KOMPRESSORVENTILANORDNUNG

Title (fr)
ENSEMBLE SOUPAPE DE COMPRESSEUR

Publication
EP 3953584 B1 20231129 (EN)

Application
EP 19725600 A 20190509

Priority
US 2019031557 W 20190509

Abstract (en)
[origin: WO2020226657A1] A compressor valve assembly is presented. The compressor valve assembly includes a seat and a guard attached to each other. The seat includes an inlet hole. The guard includes a spring. The guard includes a guide pin attached to the bottom of the guard and extends out the spring internally. The guard includes a seal element attached to the guide pin. The seal element includes a socket to receive the guide pin and a spring landing area residing on top of the spring. The guide pin internally guides a movement of the seal element to move toward the inlet hole when the spring extends and to move away from the inlet hole when the spring is compressed.

IPC 8 full level
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CPC (source: EP US)
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