

Title (en)
SCROLL COMPRESSOR

Title (de)
SPIRALVERDICHTER

Title (fr)
COMPRESSEUR À SPIRALE

Publication
EP 3779195 B1 20220831 (EN)

Application
EP 19819979 A 20190611

Priority
• JP 2018110956 A 20180611
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Abstract (en)
[origin: EP3779195A1] A high-pressure dome type scroll compressor is provided with an oil collection ring (70) and an oil collection path (71). The oil collection ring (70) is disposed below a rolling bearing (62) in a high-pressure space, and is configured to collect a lubricant that has lubricated the rolling bearing (62). The oil collection path (71) is configured to introduce the lubricant from the oil collection ring (70) into a space having a lower pressure than the high-pressure space in a casing. This makes it difficult for the lubricant that has lubricated the rolling bearing (62) supporting a drive shaft (23) to flow out of a discharge pipe (19) of the casing (11), and reduces the degree to which the performance and reliability of the scroll compressor deteriorate.

IPC 8 full level
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Cited by
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