

Title (en)
SCROLL COMPRESSOR

Title (de)
SPIRALVERDICHTER

Title (fr)
COMPRESSEUR À SPIRALE

Publication
EP 3575602 B1 20230104 (EN)

Application
EP 18745309 A 20180117

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• JP 2017012608 A 20170127
• JP 2018001201 W 20180117

Abstract (en)
[origin: EP3575602A1] According to a scroll compressor of the present invention, an orbiting scroll mirror plate 12a is provided with a first oil introduction hole 51 formed in a boss portion 12c, a first oil derivation hole 52 formed in an outer periphery of a lap-side end surface, and a first mirror plate oil communication path 53 for bringing the first oil introduction hole 51 and the first oil derivation hole 52 into communication with each other, an oil reservoir 80 is formed in an upper surface of an eccentric shaft 13a, and the oil reservoir 80 is placed between a rotation shaft center D of a rotation shaft 13 and the first oil introduction hole 51. According to this, lubricant oil stored in the oil reservoir 80 when a compressing operation is stopped can swiftly be guided to an outer periphery of the orbiting scroll mirror plate 12a by a centrifugal force when the scroll compressor is again actuated.

IPC 8 full level
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Citation (examination)
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• JP H09329090 A 19971222 - TOSHIBA CORP
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