

Title (en)
COMPRESSION ASSEMBLY, FIXED SCROLL, AND SCROLL COMPRESSOR

Title (de)
KOMPRESSIONSANORDNUNG, FESTE SPIRALE UND SPIRALVERDICHTER

Title (fr)
ENSEMBLE DE COMPRESSION, SPIRALE FIXE ET COMPRESSEUR À SPIRALE

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Application
EP 23768771 A 20230406

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Abstract (en)
[origin: WO2023221677A1] A compression assembly (10), a fixed scroll (100) and a scroll compressor (1). The compression assembly (10) comprises the fixed scroll (100) and an orbiting scroll (400). The fixed scroll (100) comprises a base (110) provided with a mounting groove, wherein the end surface of the base (110) configured in a manner of surrounding an opening of the mounting groove is a thrust surface (111); the thrust surface (111) comprises a first friction area (200) and a second friction area (300), the first friction area (200) being provided with an annular first oil groove (210), the second friction area (300) being provided with an oil groove network (310), and the oil groove network (310) comprising a second oil groove (312) and a third oil groove (313). The orbiting scroll (400) comes into contact with the thrust surface (111), and the orbiting scroll (400) is provided with an upper oil hole (410), the upper oil hole (410) being in intermittent communication with the first oil groove (210).

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