

Title (en)

Scroll type compressor in which an oil seal is formed between an involute wall and an end plate confronting with the involute wall in an axial direction

Title (de)

Spiralverdichter mit einer axialen Öldichtung zwischen Spirale und Endplatte

Title (fr)

Compresseur à spirales avec joint étanche axial à l'huile entre spirale et plaque d'extrémité

Publication

EP 0967392 A1 19991229 (EN)

Application

EP 99112107 A 19990623

Priority

JP 17579398 A 19980623

Abstract (en)

There is provided a scroll type compressor using lubricant oil and including a pair of scroll members (20, 30) confronting with each other in an axial direction. Each of the scroll members has an end plate (22, 32) extending perpendicular to the axial direction and an involute wall (21, 31) having a first and a second axial end which are opposite to each other in the axial direction. The first axial end is connected to the end plate. The second axial end confronts with the end plate of a counterpart one of the scroll members. In the scroll type compressor, the second axial end has a shallow groove (26, 36) with a depth for suitably holding therein the lubricant oil to form an oil seal between the second axial end and the end plate that confronts with the second axial end. <IMAGE>

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F04C 18/02; **F04C 27/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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DE FR

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