

Title (en)
Scroll type compressor

Title (de)
Spiralverdichter

Title (fr)
Compresseur à spirales

Publication
EP 1239158 A2 20020911 (EN)

Application
EP 02004861 A 20020304

Priority
JP 2001059976 A 20010305

Abstract (en)
A scroll type compressor has a fixed scroll member and a movable scroll member. The fixed scroll member has a fixed scroll base plate and a fixed scroll wall extending from the fixed scroll base plate. The movable scroll member has a movable scroll base plate and a movable scroll wall extending from the movable scroll base plate. The fixed scroll member and the movable scroll member cooperatively form a compression region. The movable scroll member orbits relative to the fixed scroll member to compress refrigerant in the compression region. Each scroll wall is formed in a taper shape from each base plate toward each distal end of the scroll wall. The distal end is non-contact with the opposing scroll base plate. Clearance between the distal end and the opposing scroll base plate is less than or equal to the limit clearance value which maintains airtight performance. <IMAGE>

IPC 1-7
F04C 18/02

IPC 8 full level
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CPC (source: EP US)
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