

Title (en)

KEY COUPLING AND SCROLL COMPRESSOR INCORPORATING SAME

Title (de)

KEILKUPPLUNG UND DIESE EINGLIEDERNDER KOMPRESSOR DER SPIRALBAUART

Title (fr)

ACCOUPLEMENT À CLAVETTE ET COMPRESSEUR À SPIRALE L'INCORPORANT

Publication

EP 2250345 B1 20190313 (EN)

Application

EP 09701754 A 20090115

Priority

- US 2009031050 W 20090115
- US 1557108 A 20080117

Abstract (en)

[origin: US2009185927A1] A scroll compressor includes a movable scroll compressor body and a fixed scroll compressor body that are arranged for relative orbital movement relative to one another to facilitate compression of refrigerant. To guide the orbital movement, a Oldham key coupling is provided that may include four keys spaced in separate quadrants for guiding movement of the scroll compressor body along a linear translational path along a lateral axis. Additionally, running clearances may be unequally and non-symmetrically arranged so as to prevent unwanted rotation of one of the scroll compressor bodies and thereby prevent unwanted edge loading.

IPC 8 full level

F01C 17/06 (2006.01); **F04C 18/02** (2006.01)

CPC (source: EP US)

F01C 17/066 (2013.01 - EP US); **F04C 18/0215** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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