

Title (en)
SCROLL COMPRESSOR

Title (de)
SPIRALVERDICHTER

Title (fr)
COMPRESSEUR À SPIRALES

Publication
EP 3415765 B1 20210414 (EN)

Application
EP 18171091 A 20180507

Priority
KR 20170074856 A 20170614

Abstract (en)
[origin: EP3415765A1] Scroll compressor in which a discharge port (325) is formed at a central portion thereof, and a pair of two compression chambers continuously moving toward the discharge port are formed, and a plurality of bypass portions (381, 382) are formed at each interval along a movement path of each compression chamber in the both compression chambers, and compression gradients of the both compression chambers are formed to be different from each other, a total cross-sectional area of the second bypass hole (382) is larger than a total cross-sectional area of the first bypass hole (381) within a range of a rotation angle of 180 degrees along the first wrap from an inner end of the first wrap with respect to an axial center (O) of the rotating shaft.

IPC 8 full level
F04C 28/26 (2006.01); **F04C 18/02** (2006.01)

CPC (source: EP KR)
F04C 18/0215 (2013.01 - EP KR); **F04C 18/0261** (2013.01 - EP); **F04C 28/22** (2013.01 - KR); **F04C 28/26** (2013.01 - EP KR); **F04C 29/12** (2013.01 - KR); **F04C 23/008** (2013.01 - EP); **F04C 2270/46** (2013.01 - EP)

Designated contracting state (EPC)
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DOCDB simple family (publication)
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