

Title (en)  
SCROLL COMPRESSOR

Title (de)  
SPIRALVERDICHTER

Title (fr)  
COMPRESSEUR À VOLUTE

Publication  
**EP 3546753 A1 20191002 (EN)**

Application  
**EP 17873176 A 20171012**

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Abstract (en)  
In a scroll compressor according to the present invention, at least one injection port penetrating a second end plate of a fixed scroll (12) at a position where the injection port is open to a first compression chamber (15a) or a second compression chamber (15b) in a compression stroke after the suction refrigerant is introduced and closed. Further, the discharge bypass port (21) is disposed such that a volume ratio, which is a ratio of a suction volume to a discharge volume of the second compression chamber (15b) at which the refrigerant in the first compression chamber (15a) can be discharged, is smaller in the first compression chamber (15a), which is one compression chamber having the large amount of the refrigerant injected from the injection port (43), than in the second compression chamber (15b), which is the other compression chamber among the first compression chamber (15a) and the second compression chamber (15b).

IPC 8 full level  
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