

Title (en)  
COMPRESSOR AND METHOD FOR MANUFACTURING COMPRESSOR

Title (de)  
VERDICHTER UND VERFAHREN ZUR HERSTELLUNG DES VERDICHTERS

Title (fr)  
COMPRESSEUR ET PROCÉDÉ DE FABRICATION D'UN COMPRESSEUR

Publication  
**EP 3578823 B1 20210303 (EN)**

Application  
**EP 19177971 A 20190603**

Priority  
JP 2018107595 A 20180605

Abstract (en)  
[origin: EP3578823A1] The object is to improve assembly performance while a structure is simplified in a case in which a gas injection pipe and a liquid injection pipe are installed. A scroll compressor (1) includes: a block member (29) installed between a discharge cover (15) and a fixed scroll (18); and a gas injection pipe (25) that has an end connected to the discharge cover (15) and allows refrigerant gas to flow therethrough, the refrigerant gas being to be introduced into a compression chamber (20) of a scroll compression mechanism (12), wherein the block member (29) has: a refrigerant gas distribution flow passage (44) for distributing the refrigerant gas supplied from the gas injection pipe (25) into a plurality of portions; and a plurality of refrigerant gas flow passages (32) that are formed so as to penetrate from a first surface on a side of the discharge cover (15) to a second surface on a side of the fixed scroll (18), and allow the refrigerant gas distributed by the refrigerant gas distribution flow passage (44) to flow through, and gas injection ports (26) for introducing, to the compression chamber (20), the refrigerant gas which passes through the refrigerant gas flow passages (32) are formed in the fixed scroll (18).

IPC 8 full level  
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Cited by  
EP4325056A3; EP4325055A1

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