

Title (en)  
HERMETICALLY SEALED COMPRESSOR

Title (de)  
LUFTDICHTER KOMPRESSOR

Title (fr)  
COMPRESSEUR HERMÉTIQUEMENT FERMÉ

Publication  
**EP 2610491 A1 20130703 (EN)**

Application  
**EP 11819557 A 20110810**

Priority  
• JP 2010185878 A 20100823  
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Abstract (en)  
A hermetic compressor (100) includes a closed casing (2), a compression mechanism (4), a motor (6), a discharge pipe (8), a first balance weight (18), a swirl flow generating portion (21), and a second balance weight (19). The motor (6) has a stator (14) and a rotor (15). A communication passage (20) is formed in the rotor (15) so as to introduce, into an upper space (7), a working fluid compressed in the compression mechanism (4) and discharged to a lower space (5) of the closed casing (2). A baffle plate (122) is provided as a discharge direction deflecting portion for causing the compressed working fluid to travel from the communication passage (20) to the upper space (7), while deflecting the working fluid in a direction inclined with respect to a direction parallel to a rotational axis O. The baffle plate (122) may be constituted by a part of the swirl flow generating portion (21).

IPC 8 full level  
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CPC (source: EP US)  
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See references of WO 2012026081A1

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