

Title (en)  
Air-cooled scroll compressor

Title (de)  
Luftgekühlter Spiralverdichter

Title (fr)  
Compresseur à spirales refroidi à l'air

Publication  
**EP 2224136 A3 20130828 (EN)**

Application  
**EP 10154850 A 20100226**

Priority  
JP 2009045489 A 20090227

Abstract (en)  
[origin: EP2224136A2] An air-cooled scroll compressor comprises a cooling fan attached to the drive shaft, a cooling air duct for introducing air discharged from the cooling fan to at least one of the back side of the revolving scroll and front side of the stationary scroll to cool, the spiral wraps of both scrolls mating with each other and forming compression chambers for compressing gas between them, wherein an inlet air duct for introducing a part of air discharged from the cooling fan is connected to an inlet port of the scroll compressor at an peripheral part of said stationary scroll so that a part of the air discharged from the cooling fan can be introduced to said compression chambers.

IPC 8 full level  
**F04C 18/02** (2006.01); **F04C 23/00** (2006.01); **F04C 29/04** (2006.01)

CPC (source: EP)  
**F04C 18/0215** (2013.01); **F04C 23/005** (2013.01); **F04C 29/04** (2013.01); **F04C 29/042** (2013.01)

Citation (search report)

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- [Y] EP 0994258 A1 20000419 - ANEST IWATA CORP [JP]
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**EP 10154850 A 20100226**; JP 2009045489 A 20090227; KR 20100016706 A 20100224