

Title (en)  
Compressor having rotary compression mechanism with a muffler cover

Title (de)  
Verdichter mit Rotationsverdichtungsmechanismus

Title (fr)  
Compresseur possédant un mécanisme de compression rotatif

Publication  
**EP 2733306 A2 20140521 (EN)**

Application  
**EP 13190098 A 20131024**

Priority  
JP 2012254479 A 20121120

Abstract (en)  
Provided is a compressor including a rotary compression mechanism having a simple structure, facilitating assembly, and capable of collecting lubricant oil contained in refrigerant with low cost. A mist collecting member is disposed between a cylindrical portion of a muffler cover and a boss, which serves as an outlet for refrigerant from an upper muffler chamber so as to collect the lubricant oil contained in the refrigerant. The mist collecting member is placed in a peripheral groove formed in the boss, and is held between the boss and the cylindrical portion of the muffler cover.

IPC 8 full level  
**F01C 21/00** (2006.01); **F04C 18/02** (2006.01); **F04C 18/356** (2006.01); **F04C 23/00** (2006.01); **F04C 29/02** (2006.01); **F04C 29/06** (2006.01)

CPC (source: EP)  
**F01C 21/007** (2013.01); **F04C 23/008** (2013.01); **F04C 29/026** (2013.01); **F04C 29/065** (2013.01); **F04C 18/0215** (2013.01); **F04C 18/356** (2013.01); **F04C 23/005** (2013.01)

Citation (applicant)  
JP H04134196 A 19920508 - DAIKIN IND LTD

Cited by  
CN110296080A; CN107605739A; CN108087273A; US11614087B2; WO2019104983A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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