

Title (en)  
COMPRESSOR AND SUPERCHARGER

Title (de)  
VERDICHTER UND AUFLADEEINRICHTUNG

Title (fr)  
COMPRESSEUR ET DISPOSITIF DE SURALIMENTATION

Publication  
**EP 3051144 B1 20180221 (EN)**

Application  
**EP 14874458 A 20141222**

Priority  
• JP 2013265798 A 20131224  
• JP 2014083891 W 20141222

Abstract (en)  
[origin: EP3051144A1] Provided is a compressor (13) having: a compressor impeller (31) secured to a rotor shaft (14); an air-guiding cylinder (34) arranged on the outer peripheral side of the compressor impeller (31), the air-guiding cylinder (34) guiding air taken in from an air intake port (32) to the compressor impeller (31); a scroll (36) arranged on the outer peripheral side of the air-guiding cylinder (34), the scroll (36) guiding compressed air pressurized by the compressor impeller (31); and a containment ring (51) arranged between the air-guiding cylinder (34) and the scroll (36).

IPC 8 full level  
**F04D 29/44** (2006.01); **F02B 39/00** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP KR)  
**F01D 21/045** (2013.01 - EP KR); **F04D 25/024** (2013.01 - EP KR); **F04D 29/4213** (2013.01 - EP KR); **F04D 29/663** (2013.01 - KR); **F04D 29/685** (2013.01 - EP KR); **F04D 29/663** (2013.01 - EP); **F05D 2220/40** (2013.01 - EP KR); **F05D 2240/14** (2013.01 - EP KR)

Cited by  
US11719129B2; WO2023086776A1

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

DOCDB simple family (publication)  
**EP 3051144 A1 20160803**; **EP 3051144 A4 20161116**; **EP 3051144 B1 20180221**; CN 105814319 A 20160727; CN 105814319 B 20180427; JP 6133439 B2 20170524; JP WO2015098826 A1 20170323; KR 101844166 B1 20180330; KR 20160062100 A 20160601; WO 2015098826 A1 20150702

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