

Title (en)  
AIR COMPRESSION DEVICE

Title (de)  
LUFTKOMPRESSIONSVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMPRESSION D'AIR

Publication  
**EP 3306085 A4 20181219 (EN)**

Application  
**EP 16803191 A 20160526**

Priority  
• JP 2015110458 A 20150529  
• JP 2016065549 W 20160526

Abstract (en)  
[origin: EP3306085A1] An air compression device (X1) includes a housing (10) having a cooling air inflow port (10b) for allowing cooling air to flow into an inside thereof; and a fan device unit (14) which has an inlet port (14a) which sucks cooling air flowing into the housing (10) through the cooling air inflow port (10b) and sends out the cooling air sucked through the inlet port (14a) toward a compressor unit (19), in which the inlet port (14a) of the fan device unit (14) is arranged so as to cause cooling air in the housing (10) to go around toward the inlet port (14a) and suck the same.

IPC 8 full level  
**F04B 39/00** (2006.01); **F04B 39/06** (2006.01); **F04B 41/00** (2006.01)

CPC (source: EP)  
**F04B 39/00** (2013.01); **F04B 39/0055** (2013.01); **F04B 39/06** (2013.01); **F04B 41/00** (2013.01)

Citation (search report)  
• [XAI] JP 2010281288 A 20101216 - HONDA MOTOR CO LTD  
• [XAI] JP 2014051946 A 20140320 - ORION MACHINERY CO LTD  
• [X] JP S5222201 U 19770217  
• [X] JP 2007321563 A 20071213 - SMC CORP  
• See references of WO 2016194756A1

Cited by  
US11092364B2

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 3306085 A1 20180411; EP 3306085 A4 20181219; EP 3306085 B1 20201007**; CN 107614871 A 20180119; CN 107614871 B 20210115; JP 6812344 B2 20210113; JP WO2016194756 A1 20180315; SG 11201709474Y A 20171228; TW 201704639 A 20170201; TW I617739 B 20180311; WO 2016194756 A1 20161208

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**EP 16803191 A 20160526**; CN 201680031517 A 20160526; JP 2016065549 W 20160526; JP 2017521872 A 20160526; SG 11201709474Y A 20160526; TW 105116510 A 20160526