

Title (en)
AIR COMPRESSION DEVICE

Title (de)
LUFTKOMPRESSIONSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMPRESSION D'AIR

Publication
EP 3696421 B1 20230510 (EN)

Application
EP 20156897 A 20200212

Priority
JP 2019023063 A 20190212

Abstract (en)
[origin: EP3696421A1] An air compression device includes: a compressor structured to generate compressed air; a motor structured to drive the compressor; a multiblade fan structured to be driven by the motor to generate an air flow; and a first cooler structured to cool the compressed air and a second cooler structured to cool the compressed air cooled by the first cooler by the air flow. The first cooler cools the compressed air by an air flow that has cooled the second cooler.

IPC 8 full level
F04C 29/04 (2006.01); **F04B 39/06** (2006.01)

CPC (source: CN EP)
F01C 21/10 (2013.01 - EP); **F04B 39/066** (2013.01 - EP); **F04C 18/0215** (2013.01 - CN); **F04C 23/02** (2013.01 - CN);
F04C 29/04 (2013.01 - CN EP); **F04D 25/08** (2013.01 - CN); **F04D 29/26** (2013.01 - CN); **F04D 29/662** (2013.01 - CN); **F04C 18/02** (2013.01 - EP)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 3696421 A1 20200819; **EP 3696421 B1 20230510**; CN 111550408 A 20200818; JP 2020133405 A 20200831

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