

Title (en)
TURBOCOMPRESSOR

Title (de)
TURBOVERDICHTER

Title (fr)
TURBOCOMPRESSEUR

Publication
EP 2728198 A4 20150415 (EN)

Application
EP 12804727 A 20120626

Priority
• JP 2011142600 A 20110628
• JP 2012066239 W 20120626

Abstract (en)
[origin: EP2728198A1] A turbocompressor provided with a case (46), a centrifugal first stage and second stage compressing unit (5, 6) disposed on the case (46), and a driver unit (1) for driving the first stage and second stage compressing units (5, 6), wherein the interior of the case (46) is partitioned into a first cooling area (44) which houses a first cooling device (47) and to which external air compressed by means of the first stage compressing unit (5) is fed, a second cooling area (45) which houses a second cooling device (48) and to which air that passed through the first cooling area and was further compressed by means of the second stage compressing unit (6) is fed, an oil tank (60) which houses lubricant oil that is fed to the driver unit (1), and a blowoff silencer chamber (80) to which the air that passed through the second cooling area (45) and was not used is fed; and the blowoff silencer chamber (80) is located between the oil tank (60) and the first cooling area (44) and the second cooling area (45) in the interior of the case (46).

IPC 8 full level
F04D 29/58 (2006.01); **F04D 17/12** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
• [A] US 2009320690 A1 20091231 - TAKETOMI TOSHIMICHI [JP], et al
• [A] JP 2004308477 A 20041104 - ISHIKAWAJIMA HARIMA HEAVY IND
• [A] US 2003021701 A1 20030130 - KOLODZIEJ ROBERT M [US], et al
• See references of WO 2013002204A1

Designated contracting state (EPC)
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