

Title (en)
AIR-COOLED ENGINE UNIT

Title (de)
LUFTGEKÜHLTE MOTOREINHEIT

Title (fr)
ENSEMBLE MOTEUR REFROIDI À L'AIR

Publication
EP 3239505 A1 20171101 (EN)

Application
EP 15872729 A 20151210

Priority
• JP 2014258916 A 20141222
• JP 2015084619 W 20151210

Abstract (en)
An air-cooled engine unit is provided, in which deterioration of a catalyst is minimized even when the catalyst is provided close to an engine main body. An air-cooled engine unit (11) has a compression ratio of 10 or higher, and includes a close-to-combustion-chamber catalyst (53) provided in an exhaust passage member (51). A path length of a first portion of the exhaust passage member (51), the first portion being from an exhaust port to the catalyst (53), is shorter than a path length of a second portion of the exhaust passage member (51), the second portion being from the catalyst (53) to an atmosphere discharge port (64a).

IPC 8 full level
F02D 45/00 (2006.01); **F01N 3/20** (2006.01); **F01N 3/28** (2006.01); **F02D 9/10** (2006.01); **F02D 17/00** (2006.01); **F02D 29/02** (2006.01); **F02D 41/14** (2006.01); **F02D 43/00** (2006.01); **F02P 5/152** (2006.01)

CPC (source: EP)
F01N 3/28 (2013.01); **F01N 13/08** (2013.01); **F01P 1/02** (2013.01); **F02D 29/02** (2013.01); **F02D 41/0002** (2013.01); **F02D 41/2454** (2013.01); **F01N 9/00** (2013.01); **F01N 2340/02** (2013.01); **F01N 2560/025** (2013.01); **F01N 2590/04** (2013.01); **F01N 2900/08** (2013.01); **F02D 9/1055** (2013.01); **F02D 35/027** (2013.01); **F02P 5/152** (2013.01)

Cited by
EP3947929A4; WO2020202219A1

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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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