

Title (en)
Radiator for small-sized vehicle

Title (de)
Kühler für ein kleines Fahrzeug

Title (fr)
Radiateur pour véhicule de petite taille

Publication
EP 2014891 A1 20090114 (EN)

Application
EP 08010450 A 20080609

Priority
JP 2007183272 A 20070712

Abstract (en)
Problem To enhance cooling efficiency by making cooling wind smoothly flow from a cooling fan to an exhaust port in a radiator for a small-sized vehicle where a radiator is arranged on the side of a crankcase forming a part of an engine main unit provided with a water jacket and mounted on a body frame, the cooling fan that sucks cooling wind to pass the radiator is attached to one end of a crankshaft and is arranged inside the radiator and a shroud having the exhaust port and covering the cooling fan from the side is provided between the radiator and the crankcase. Solution A current plate 122 for obstructing a flow of cooling wind from a cooling fan 97 to the side of a crankcase 21 in a part corresponding to an exhaust port 108 is fixed not on the sides of the exhaust port 108 and the cooling fan 97 but on the side of the crankcase 21.

IPC 8 full level
F01P 11/10 (2006.01); **F02B 63/04** (2006.01)

CPC (source: EP)
F01P 11/10 (2013.01); **F01P 5/06** (2013.01); **F01P 2050/16** (2013.01)

Citation (applicant)
JP 2005233012 A 20050902 - HONDA MOTOR CO LTD

Citation (search report)
• [X] EP 1020351 A2 20000719 - HONDA MOTOR CO LTD [JP]
• [X] US 2005081803 A1 20050421 - YOSHIMATSU ATSUHIRO [JP], et al
• [A] US 4946482 A 19900807 - TAMBA SHINICHI [JP], et al
• [A] EP 0950802 A2 19991020 - HONDA MOTOR CO LTD [JP]

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CN113027602A; EP3534041A1; WO2018115132A1

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DE ES FR IT

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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