

Title (en)
Cooling system for a motor vehicle

Title (de)
Kühlsystem für ein Kraftfahrzeug

Title (fr)
Système de refroidissement pour un véhicule automobile

Publication
EP 1959111 A3 20100324 (DE)

Application
EP 08000612 A 20080115

Priority
DE 102007007231 A 20070214

Abstract (en)
[origin: EP1959111A2] The cooling system has a fan (8) i.e. axial flow fan, arranged between a radiator (1) and an internal combustion engine (2), where the fan has a rotatably driven hub (9). Fan blades (12) are fastened to the rotatably driven hub, and are arranged in an air passage space. Rear edges (13) of the fan blades in air flow direction are arranged at a distance (A) from a front wall (4) of an internal-combustion engine. The rear edges have a projection (U) at the front wall of the internal combustion engine in relation to an edge ring (15).

IPC 8 full level
F01P 5/06 (2006.01); **F04D 29/54** (2006.01)

CPC (source: EP)
F01P 5/06 (2013.01); **F04D 29/545** (2013.01)

Citation (search report)

- [X] DE 8207204 U1 19820819
- [X] US 2005067138 A1 20050331 - TEMBREULL THOMAS [US], et al
- [X] US 3727593 A 19730417 - ENKE K
- [X] US 4768472 A 19880906 - HAYASHI MASA HARU [JP], et al
- [A] EP 0185948 A2 19860702 - MASCHF AUGSBURG NUERNBERG AG [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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