

Title (en)

Air-cooled cooler having successive stages cooled by air

Title (de)

Luftgekühlte Kühler mit nacheinander von Kühlluft durchströmten Kühlebenen

Title (fr)

Refroidisseur refroidi par air comprenant plusieurs étages de refroidissement

Publication

EP 1420221 A3 20050810 (DE)

Application

EP 03024275 A 20031023

Priority

DE 10253813 A 20021118

Abstract (en)

[origin: EP1420221A2] Air-cooled radiator (1) comprises at least two radiator units through which one after the other the medium (M) to be cooled flows. The radiator units are arranged behind each other without direct heat transfer. The front radiator unit (2) first loaded with the cooling air (KI) has the outflow (A2) for the medium to be cooled and the rear radiator unit (3) next loaded with the cooling air has the inflow (Z3) for the medium to be cooled. Preferred Features: The radiator is arranged on a component in the front or rear region of a vehicle in or near the region of a wheel case cut-out.

IPC 1-7

F28D 1/00; **F01P 11/08**

IPC 8 full level

F01P 3/18 (2006.01); **F28D 1/04** (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP)

F01P 3/18 (2013.01); **F28D 1/0417** (2013.01); **F28D 1/05341** (2013.01); **F01P 2003/182** (2013.01); **F01P 2003/187** (2013.01)

Citation (search report)

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- [X] US 6401801 B1 20020611 - DICKE PAUL A [US]
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