

Title (en)  
Heat exchanger.

Title (de)  
Wärmetauscher.

Title (fr)  
Dispositif pour l'échange de chaleur.

Publication  
**EP 0500429 B1 19941109 (FR)**

Application  
**EP 92400398 A 19920214**

Priority  
FR 9102098 A 19910221

Abstract (en)  
[origin: US5242013A] The motor of a motorised fan unit for a motor vehicle radiator lies outside the perimeter of the radiator considered in the direction of the axis of rotation of the cooling fan, while its dimension in the same direction is at least partly superimposed on the thickness of the tube bundle in the radiator. The drive motor drives the cooling fan, which is arranged facing the tube bundle, through a drive belt. The size of the assembly in the axial direction is reduced, and the motor does not interfere with the flow of air through the radiator.

IPC 1-7  
**F01P 5/04**; **F04D 25/06**

IPC 8 full level  
**F01P 5/04** (2006.01); **F04D 25/06** (2006.01)

CPC (source: EP US)  
**F01P 5/04** (2013.01 - EP US); **F04D 25/02** (2013.01 - EP US); **F04D 25/06** (2013.01 - EP US)

Cited by  
FR2713704A1

Designated contracting state (EPC)  
DE ES GB IT

DOCDB simple family (publication)  
**EP 0500429 A1 19920826**; **EP 0500429 B1 19941109**; DE 69200636 D1 19941215; DE 69200636 T2 19950316; FR 2673242 A1 19920828; FR 2673242 B1 19950120; US 5242013 A 19930907

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**EP 92400398 A 19920214**; DE 69200636 T 19920214; FR 9102098 A 19910221; US 83934692 A 19920220