

Title (en)  
Heat exchange appliance

Title (de)  
Vorrichtung zum Austausch von Wärme

Title (fr)  
Echangeur de chaleur

Publication  
**EP 1382470 A1 20040121 (DE)**

Application  
**EP 02291813 A 20020718**

Priority  
EP 02291813 A 20020718

Abstract (en)  
The second component (26, 27) is made of a material of defined electrical and thermal conductivity, and is in contact with a first component (23), such that exchange of thermal and/or electrical energy is facilitated.

Abstract (de)  
Die Erfindung betrifft eine Vorrichtung zum Austausch von Wärme, insbesondere für ein Kraftfahrzeug <IMAGE>

IPC 1-7  
**B60H 1/22**; **H05B 3/22**

IPC 8 full level  
**H05B 3/14** (2006.01); **H05B 3/50** (2006.01)

CPC (source: EP)  
**H05B 3/14** (2013.01); **H05B 3/50** (2013.01); **H05B 2203/02** (2013.01)

Citation (search report)

- [X] EP 0616486 A1 19940921 - TEXAS INSTRUMENTS INC [US]
- [X] DE 19911547 A1 20000921 - BEHR GMBH & CO [DE]
- [X] US 5665261 A 19970909 - DAMSOHN HERBERT [DE], et al
- [A] DE 4321474 A1 19950105 - RUTHENBERG GMBH WAERMETECHNIK [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**EP 1382470 A1 20040121**; **EP 1382470 B1 20050817**; AT E302125 T1 20050915; DE 50203958 D1 20050922; ES 2250602 T3 20060416

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**EP 02291813 A 20020718**; AT 02291813 T 20020718; DE 50203958 T 20020718; ES 02291813 T 20020718