

Title (en)  
Heat exchanger with lamella fins.

Title (de)  
Lamellenwärmetauscher.

Title (fr)  
Echangeur de chaleur avec des ailettes à lamelle.

Publication  
**EP 0532051 A1 19930317 (DE)**

Application  
**EP 92115721 A 19920914**

Priority  
AT 182891 A 19910912

Abstract (en)  
Finned heat exchanger having tubes (4) which are arranged in at least one row and through which a fluid to be heated flows, and which are penetrated by the fins (3), which are arranged parallel to one another. In order to avoid the formation of dead spaces due to the formation of drops of condensate, it is provided that there are provided in the region of the rim of the fins (3) that lies downstream of the flue gas current, impressions (8) which are open towards said rim and are arranged between the rows of tubes (4) nearest said rim of the fins (3). <IMAGE>

Abstract (de)  
Lamellenwärmetauscher mit in mindestens einer Reihe angeordneten, von einem aufzuheizenden Fluid durchströmten Rohren (4), die die parallel zueinander angeordneten Lamellen (3) durchsetzen. Um die Ausbildung von toten Räumen durch Kondensattropfen zu vermeiden, ist vorgesehen, daß im Bereich des stromab des Rauchgasstromes gelegenen Randes der Lamellen (3) zu diesem hin offene Einprägungen (8) vorgesehen sind, die zwischen den in der diesem Rand der Lamellen (3) nächsten Reihe von Rohren (4) angeordnet sind. <IMAGE>

IPC 1-7  
**F28F 1/32**

IPC 8 full level  
**F28F 1/32** (2006.01); **F28F 17/00** (2006.01)

CPC (source: EP)  
**F28F 1/325** (2013.01); **F28F 13/06** (2013.01); **F28F 17/005** (2013.01)

Citation (search report)

- [X] FR 2346660 A1 19771028 - VOLKSWAGENWERK AG [DE]
- [X] DE 2412430 A1 19750925 - VAILLANT JOH KG
- [X] US 4279298 A 19810721 - LEE YONG N
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 330 (M-442)25. Dezember 1985 & JP-A-60 162 193 ( AKACHI HISATERU )

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EP1467169A3

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)  
**EP 0532051 A1 19930317**; **EP 0532051 B1 19960925**; AT 396981 B 19940125; AT A182891 A 19930515; AT E143478 T1 19961015; DE 59207235 D1 19961031; DE 9212347 U1 19921029

DOCDB simple family (application)  
**EP 92115721 A 19920914**; AT 182891 A 19910912; AT 92115721 T 19920914; DE 59207235 T 19920914; DE 9212347 U 19920914