

Title (en)  
HEAT RECOVERY APPARATUS

Publication  
**EP 0319392 B1 19910410 (FR)**

Application  
**EP 88402995 A 19881129**

Priority  
FR 8716708 A 19871202

Abstract (en)  
[origin: EP0319392A1] A heat exchanger, in particular recovery apparatus for heat from smoke, comprises a first set of tubes (1), each tube (1) of which is formed by a succession of parallel straight segments (21-30), connected to one another at each end by a connection loop (31-39), the planes (P1, P2 to Pn) passing through two successive segments (21-30) being inclined alternately on one side and the other in relation to the general plane (P100-P100; P200-P200) of the tube (1) in such a manner that the successive segments are arranged in a staggered manner in relation to the general plane. <IMAGE>

IPC 1-7  
**F28D 21/00**

IPC 8 full level  
**F28D 21/00** (2006.01)

CPC (source: EP)  
**F28D 21/0007** (2013.01)

Cited by  
FR3053774A1

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AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0319392 A1 19890607; EP 0319392 B1 19910410; AT E62543 T1 19910415; DE 3862369 D1 19910516; FR 2624268 A1 19890609; FR 2624268 B1 19900420**

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