

Title (en)  
HEAT EXCHANGER CORE AND HEAT EXCHANGER COMPRISING SUCH A CORE

Publication  
**EP 0030821 B1 19830511 (EN)**

Application  
**EP 80304365 A 19801203**

Priority  
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Abstract (en)  
[origin: EP0030821A1] The outermost tubes (50) of a heat exchanger core (20) have not previously been cooled as adequately as the interior tubes (50) by the flow of air between the fins (40) and the tubes (50). In this invention a cover (80,85) is connected over the edges (45) of the fins (40) defining a respective one of first and second end surfaces (70,75) and is spaced from the air inlet surface (60) of the core (20). Consequently, the outermost tube (50), which is nearest the cover (80,85) is cooled substantially to the same degree as the other tubes (50). In one example, about a 5% increase in the thermal efficiency of the core (20) is attained.

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IPC 8 full level  
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Citation (examination)  
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