

Title (en)  
AIR-TO-AIR HEAT-EXCHANGE ELEMENT

Title (de)  
LUFT-LUFT-WÄRMEAUSTAUSCHELEMENT

Title (fr)  
ELEMENT D'ECHANGE THERMIQUE AIR-AIR

Publication  
**EP 1136781 A1 20010926 (EN)**

Application  
**EP 00957029 A 20000907**

Priority

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- JP 33055499 A 19991119
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Abstract (en)  
A gas-to-gas heat exchange element 5 is constructed by superposing heat exchange segments of the same type. Heat exchanging gases are supplied to gas flow channels 4a extending in one direction, and other gas flow channels 4b extending perpendicular thereto. Each heat exchange segment has heat exchange sheets bonded to upper and lower surfaces of hollow resin spacers 2a of compressed elliptical shape arranged equidistantly to form the gas flow channels 4a. Second hollow resin spacers 2 of compressed elliptical shape are arranged equidistantly and bonded to the upper heat exchange sheet. <IMAGE>

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IPC 8 full level  
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