

Title (en)  
CONVECTOR PROFILE

Title (de)  
KONVEKTORPROFIL

Title (fr)  
PROFIL DE CONVECTEUR

Publication  
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Application  
**EP 20942435 A 20201230**

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Abstract (en)  
The invention relates to the field of heating of industrial and civil buildings and facilities, in particular to a convector profile. A convector profile comprises a tube for the passage of a heat transfer medium, external heat exchange panels and a T-shaped fin defined by an upper and lower shelves disposed therebetween, and horizontal fins provided with through holes, wherein the convector profile is made of aluminum or aluminum alloys, the external heat exchange panels are disposed at an angle to the internal cavity, the tube has a finned internal surface and is connected to a vertical fin diametrically disposed to the T-shaped rib, wherein the through holes in the horizontal fins are made of a rectangular shape. The technical result is to increase the intensity of heat exchange, simplify the design and reduce overall dimensions, increase reliability, manufacturability and corrosion resistance.

IPC 8 full level  
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