

Title (en)
Radiator element and block for a radiator

Title (de)
Heizkörperelement und Heizkörperblock

Title (fr)
Élément de radiateur et bloc pour radiateur

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Application
EP 08160441 A 20080715

Priority
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Abstract (en)
[origin: EP2146170A1] The invention is related to heating appliances. The radiator element RE and the blocks for a radiator are of increased conductive heat transfer and convective heat emission, improved reliability, and increased mechanical stability. The element RE has two welded shells 1.1, 1.2 and connection openings 2. A U-shaped metal lamella 3 is welded in a T-shaped manner wholly or partially to the peripheral edge 4 of its periphery. The welding 5 is a continuous or partial one, including a spot welding as well. In the element RE, the edge 4 may be divided into two peripheral parts with their respective peripheral edges 4.1 and 4.2, to which the lamella 3 is welded. This forms a heat-transferring channel 7 that can be a chimney. A block for a radiator has 2n elements, in which each of n respective lamellas 3 n is welded in a T-shaped manner wholly or partially to the peripheral edges 4 of two adjacent elements. In another variant, each of the lamellas 3 n is welded to the adjacent peripheral edges 4.2 n and 4.1 n+1 of two adjacent elements RE n and RE n+1 .

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