

Title (en)

HEATING RADIATOR ELEMENT MADE OF DIE-CAST ALUMINIUM

Title (de)

HEIZKÖRPERELEMENT AUS ALUMINIUMDRUCKGUSS

Title (fr)

ÉLÉMENT DE RADIATEUR CHAUFFANT RÉALISÉ EN ALUMINIUM MOULÉ SOUS PRESSION

Publication

EP 2776777 B1 20160817 (EN)

Application

EP 12832768 A 20121109

Priority

- IT MI20112027 A 20111109
- IB 2012056308 W 20121109

Abstract (en)

[origin: WO2013068989A1] A heating radiator element (1) made of die-cast aluminium extends along a longitudinal axis (A) and has a monolithic aluminium structure (15), comprising a tubular body (2) and connections (7) which protrude from opposite sides of the body (2); the structure (15) is internally provided with a water circuit (16) for the circulation, in use, of a stream of water, while the volumes available for passage of the air around the structure (15) define an air circuit (17); the aluminium structure (15) and the water circuit (16) define heat exchange means such as to increase the aluminium/air heat exchange with respect to the water/aluminium heat exchange, increasing the volume of the air circuit (17) with respect to the volume generically available and specifically with respect to the volume of the water circuit (16).

IPC 8 full level

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CPC (source: EP)

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