

Title (en)

Bimetal radiator for building heating plants.

Title (de)

Bimetallheizkörper für Gebäude-Heizungsvorrichtungen.

Title (fr)

Radiateur bimétallique pour installations de chauffage de bâtiment.

Publication

EP 0481154 A1 19920422 (EN)

Application

EP 90830463 A 19901016

Priority

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Abstract (en)

The radiator foresees a bimetal element with a steel core, forming the elementary component of the heating fluid duct, integrated with a die-cast aluminium coating. The said elementary duct component consists of two symmetric conduits (1) with intermediate parallel lengths and with terminal parts converging into counterposed main parts (2 and 3) with threaded mouths (4) and with a front part having annular dishings (5) which, in composition, form respectively the higher and lower collectors. The present device, by avoiding the direct contact of the water with the aluminium, does not permit the hydrogen formation while by means of its vertical transport canals with a symmetrical scheme and perfectly cylindrical allows a quick bleeder of the air and avoids the use of gas venting. It results a reversible seamless structure particularly compact and strong. <IMAGE>

IPC 1-7

F28D 1/02; **F28F 21/08**

IPC 8 full level

F28D 1/02 (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP)

F28D 1/0246 (2013.01); **F28D 1/05308** (2013.01); **F28F 1/16** (2013.01); **F28F 21/082** (2013.01); **F28F 21/084** (2013.01); **F28F 21/088** (2013.01); **F28D 1/047** (2013.01); **F28F 2255/146** (2013.01)

Citation (search report)

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