

Title (en)

RADIATOR WITH HEAT-TRANSFER FLUID WITH EVEN DISTRIBUTION OF HEAT ON FAÇADE

Title (de)

HEIZKÖRPER MIT WÄRMEÜBERTRAGUNGSFLÜSSIGKEIT MIT GLEICHMÄSSIGER VERTEILUNG DER WÄRME AN DER VORDERSEITE

Title (fr)

RADIATEUR À FLUIDE CALOPORTEUR AVEC DISTRIBUTION UNIFORME DE CHALEUR EN FAÇADE

Publication

EP 3499164 B1 20200916 (FR)

Application

EP 18212943 A 20181217

Priority

FR 1762363 A 20171218

Abstract (en)

[origin: RU2722247C1] FIELD: heat exchange.SUBSTANCE: present invention relates to radiators with liquid heat carrier and, in particular, concerns radiator with liquid heat carrier and uniform distribution of heat along facade. Radiator with liquid heat carrier includes first pipe, second pipe and facade assembly forming facade of radiator, wherein the facade assembly consists of several hollow plates which are in fluid communication with the first and second pipes, the radiator itself, wherein it additionally has several pipes, called distributing pipes, which are located behind the facade assembly and which are in liquid communication on one side with the first pipe, and on the other side - at least with one plate of the facade assembly in at least one place in the upper part of at least one plate, wherein at least one such location is located in the part of at least one plate, which is located next to the second pipe, so that during operation liquid heat carrier supplied to distributing pipes from first pipe, flowed along distribution pipes, then supplied to at least one plate and flowed along at least one plate, before again entering the first pipe.EFFECT: thus improving facade heating uniformity.10 cl, 6 dwg

IPC 8 full level

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