

Title (en)

Radiator with flat tube elements and method for its manufacture

Title (de)

Radiator mit flachen Rohrelementen und Verfahren zu dessen Herstellung

Title (fr)

Radiateur doté d'éléments de tubes plats et procédé destiné à sa fabrication

Publication

EP 1808662 A2 20070718 (DE)

Application

EP 06077101 A 20061127

Priority

DE 102006001618 A 20060111

Abstract (en)

The radiator has a heating wall formed from multiple flat pipes (11) that run horizontally and vertically. Multiple collective ducts are arranged in end regions of the flat pipes for supplying and discharging the heating fluid. The collective ducts are connected fluid-conductively with the flat pipes, where one of the collective ducts is formed for connection to a heating fluid circulation. The flat pipes exhibit right-angled flat front walls (11a) that are formed by folding and welding webs (11b) that stick-out from open front sides of the flat pipes. An independent claim is also included for a method for manufacturing a radiator.

Abstract (de)

Radiator der mindestens eine Heizwand (10,13) umfasst, wobei die Heizwand aus mehreren vorzugsweise horizontal verlaufenden Flachrohren (11) gebildet wird, und wobei vorzugsweise in den Endbereichen der Flachrohre (11) vertikal verlaufende Sammelkanäle (12) zur Zufuhr und Abfuhr eines Heizfluids angeordnet sind, die fluidleitend mit den Flachrohren (11) verbunden sind, wobei zumindest ein Sammelkanal (12) zum Anschluss an einen Heizfluidkreislauf ausgebildet ist, sowie ein Verfahren zu dessen Herstellung.

IPC 8 full level

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