

Title (en)
Flat radiator

Title (de)
Flachheizkörper

Title (fr)
Radiator plat

Publication
EP 0928941 A3 19991229 (DE)

Application
EP 98117710 A 19980918

Priority
DE 19800191 A 19980107

Abstract (en)
[origin: EP0928941A2] Deformation of the rear plate in order to create ripple profiles in it is caused by introducing a fluid under pressure between the front and rear plates (1). The two plates are welded together along their edges and at individual spots away from these edges. The flat front plate (1) is thicker than the rippled rear plate. Independent claims are also included for (a) the above radiator with a specific front to rear plate thickness ratio, and (b) the radiator assembly method, by welding the ripple profiles in the rear plate to the front plate.

IPC 1-7
F28F 3/14; **F28D 1/03**

IPC 8 full level
B21D 53/04 (2006.01); **F28D 1/03** (2006.01); **F28F 3/14** (2006.01)

CPC (source: EP)
B21D 53/045 (2013.01); **F28D 1/0308** (2013.01); **F28F 3/14** (2013.01)

Citation (search report)

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