

Title (en)

Radiator with undulated flow between the tubes

Title (de)

Wärmetauscher mit wellenförmiger Strömung zwischen den Rohren

Title (fr)

Radiateur avec un écoulement ondulé autour des tuyaux

Publication

**EP 2333471 A2 20110615 (EN)**

Application

**EP 10193878 A 20101206**

Priority

- GB 0921279 A 20091204
- US 31555910 P 20100319

Abstract (en)

A heat exchanger comprising a plurality of heat transfer tubes (4) adapted to transport heat transfer fluid from an inlet (2) to an outlet (3), the heat transfer tubes (4) comprising elongate hollow members adapted to receive the heat transfer fluid therein, the heat exchanger (1) adapted to receive a flow of heat removal fluid flow between the heat transfer tubes (4), wherein the heat transfer tubes (4) are arranged such that the heat removal fluid is caused to follow a substantially undulating path through the heat exchanger (1).

IPC 8 full level

**F28D 1/053** (2006.01); **F28F 1/02** (2006.01); **F28F 13/06** (2006.01)

CPC (source: EP)

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Citation (examination)

US 7546867 B2 20090616 - NAUKKARINEN OLLI PEKKA [US], et al

Cited by

CN108139178A; EP3358287A4; WO2022078586A1

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Designated extension state (EPC)

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