

Title (en)

INTEGRATED HYBRID COMPACT FLUID HEAT EXCHANGER

Title (de)

INTEGRIERTER HYBRIDER KOMPAKTER FLÜSSIGKEITSWÄRMETAUSCHER

Title (fr)

ÉCHANGEUR THERMIQUE DE FLUIDE COMPACT HYBRIDE INTÉGRÉ

Publication

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Application

EP 21828086 A 20210624

Priority

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- US 202117355715 A 20210623
- US 2021038969 W 20210624

Abstract (en)

[origin: US2021404750A1] An Integrated Hybrid Compact Fluid Heat Exchanger is disclosed. An example embodiment includes: a micro-channeled plate for a stream of a working fluid, the micro-channeled plate being diffusion bonded or brazed with a cover plate; and a fin assembly brazed, diffusion bonded, or welded to the micro-channeled plate. Other embodiments include a fan or blower coupled to the Integrated Hybrid Compact Fluid Heat Exchanger via air ducting or close coupling.

IPC 8 full level

B23K 20/18 (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

- [X1] CN 107101516 A 20170829 - HANGZHOU MICPUTER ENERGY SAVING TECH CO LTD, et al
- [X1] CN 110579123 A 20191217 - NUCLEAR POWER INST CHINA
- [X1] US 2016177829 A1 20160623 - LOEBIG JAMES C [US], et al
- See also references of WO 2021263034A1

Designated contracting state (EPC)

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