Title (en)
Integral heat exchanger distributor

Title (de)
Integrierter Verteiler eines Wärmetauschers

Title (fr)
Distributeur d'échangeur de chaleur intégré

Publication
EP 2816307 B1 20181107 (EN)

Application
EP 14166550 A 20140430

Priority
US 201313873412 A 20130430

Abstract (en)
[origin: US2014318175A1] A heat exchanger comprises a first inlet port, a first outlet port longitudinally spaced apart from the first inlet port, a plurality of substantially parallel parting plates stacked along a no-flow axis, a plurality of first flow spaces, and a plurality of metering plates. The plurality of first flow spaces are defined between adjacent ones of at least some of the parting plates and provide communication between the first inlet port and the first outlet port. The plurality of metering plates are disposed across an upstream end of at least one of the first flow spaces. Each of the plurality of metering plates includes at least one metering aperture providing fluid communication between the first inlet port and the at least one first flow space.

IPC 8 full level
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F28F 9/0282 (2013.01 - EP US); F28D 2021/0021 (2013.01 - EP US); F28D 2021/0064 (2013.01 - EP US); F28D 2021/0071 (2013.01 - EP US);
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US 2014318175 A1 20141030; EP 2816307 A2 20141224; EP 2816307 A3 20150114; EP 2816307 B1 20181107; EP 3462119 A1 20190403;
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