

Title (en)
TWO PHASE DISTRIBUTOR EVAPORATOR

Title (de)
VERDAMPFER MIT ZWEIPHASIGEM VERTEILER

Title (fr)
ÉVAPORATEUR DISTRIBUTEUR À DEUX PHASES

Publication
EP 3314191 B1 20200930 (EN)

Application
EP 16739622 A 20160628

Priority
• US 201562186087 P 20150629
• US 2016039850 W 20160628

Abstract (en)
[origin: WO2017004058A1] A heat exchanger is provided including a plurality of parallel stacked plates defining at least one flow passage there between. A manifold having a generally hollow interior is arranged adjacent the plurality of parallel plates. An opening is disposed between adjacent stacked plates. The opening is configured to fluidly couple the hollow interior of the manifold and the at least one flow passage. A distributor assembly including an insert is disposed at least partially within the hollow interior of the manifold. The insert includes a plurality of circumferentially spaced axial flow channels and a plurality of radial connecting channels arranged in fluid communication with the axial flow channels. The radial flow channels are fluidly coupled to the at least one flow passage via the opening.

IPC 8 full level
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