

Title (en)
A HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 2844946 A1 20150311 (EN)

Application
EP 13724047 A 20130425

Priority
• US 201213459355 A 20120430
• US 2013038095 W 20130425

Abstract (en)
[origin: US2013284402A1] The present disclosure provides for a heat exchanger. The heat exchanger generally comprises a duct and substantially parallel tubes having an outer wall and arranged in the duct to define gaps therebetween. An air flow is directed through the duct to deliver heat through the gaps and over the outer walls of the tubes. A second means directs an air flow that receives heat through the tubes. The air flow that delivers heat generally comprises air that is moist, saturated, or near its saturation curve. The heat exchanger also comprises collecting means arranged in the duct for collecting the condensate flowing along the outer walls of the tubes upon exiting from the duct at the outlet.

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D21F 5/20 (2013.01 - EP US); **F28D 5/00** (2013.01 - EP US); **F28D 7/1615** (2013.01 - EP US); **F28F 17/005** (2013.01 - EP US); **F28G 1/166** (2013.01 - EP US)

Citation (search report)
See references of WO 2013165787A1

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