Title (en)
HEAT EXCHANGE SYSTEM ADAPTED TO SELECTIVELY OPERATE IN WET AND/OR OR DRY MODE

Title (de)
FÜR WAHLWEISEN BETRIEB IN EINEM NASS- UND/ODER TROCKENMODUS KONFIGURIERTES WÄRMEAUSTAUSCHSYSTEM

Title (fr)
SYSTEME D'ECHANGE DE CHALEUR APTE A FONCTIONNER DE MANIERE SELECTIVE DANS UN MODE HUMIDE ET/OU SEC

Publication
EP 2981779 A4 20170315 (EN)

Application
EP 14778723 A 20140404

Priority
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Abstract (en)
[origin: WO2014165811A1] A heat exchange system adapted to selectively operate in wet mode, dry mode, or both wet and dry mode comprises a plurality of layers of tube arrays arranged in a folded serpentine or stacked relationship such that fluid passes through each layer in a generally lateral manner, through a layer transition portion that conveys fluid to a lower layer of tube arrays existing at a lower elevation, one or more spray nozzles are located above an array of tubing and adapted to spray fluid onto the one or more arrays of tubing located below, and at least one fluid router is configured to convey process fluid only into the arrays of tubing in dry mode, only to the spray nozzles in wet mode, or to both into the arrays of tubing and to the spray nozzles.

IPC 8 full level
F28C 1/14 (2006.01)

CPC (source: EP US)
F28C 1/14 (2013.01 - EP US); **F28D 1/0477** (2013.01 - EP US); **F28D 7/0066** (2013.01 - US); **F28F 9/013** (2013.01 - EP US); **F28F 9/0131** (2013.01 - EP US); **F28F 9/162** (2013.01 - EP US); **F28F 21/062** (2013.01 - EP US); **F28F 21/067** (2013.01 - EP US); F28C 2001/006 (2013.01 - EP US); Y02B 30/70 (2013.01 - EP)

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• No further relevant documents disclosed
• See references of WO 2014165811A1

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