

Title (en)
Process for heat transfer

Title (de)
Verfahren zur Wärmeenergieübertragung

Title (fr)
Procédé de transfert de chaleur

Publication
EP 1703201 B1 20091014 (DE)

Application
EP 05005089 A 20050309

Priority
EP 05005089 A 20050309

Abstract (en)
[origin: EP1703201A1] The method involves passing a liquid medium and a gaseous medium by utilizing a plate heat exchanger, where the gaseous medium is cooled down and the water contained is condensed out. A quantity ratio of the liquid to the gaseous medium is selected as a function of the temperature difference between the liquid and gaseous media at the beginning of the heat energy transfer. The heat energy released due to condensation is transferred to the liquid medium.

IPC 8 full level
F22D 1/00 (2006.01); **F24H 1/38** (2006.01); **F24H 8/00** (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP US)
F22D 1/003 (2013.01 - EP US)

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DOCDB simple family (publication)
EP 1703201 A1 20060920; EP 1703201 B1 20091014; AT E445812 T1 20091015; DE 502005008317 D1 20091126; DK 1703201 T3 20091123; US 2006201166 A1 20060914; US 7284380 B2 20071023

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EP 05005089 A 20050309; AT 05005089 T 20050309; DE 502005008317 T 20050309; DK 05005089 T 20050309; US 14651005 A 20050607