

Title (en)
FINNED TUBE FOR CONDENSATION AND EVAPORATION

Title (de)
RIPPENROHR FÜR KONDENSATION UND VERDAMPFUNG

Title (fr)
TUBE À AILETTES, DE CONDENSATION ET D'ÉVAPORATION

Publication
EP 2265881 A1 20101229 (EN)

Application
EP 08746234 A 20080418

Priority
US 2008060776 W 20080418

Abstract (en)
[origin: WO2009128831A1] A finned tube includes channels defined between adjacent fins on the tube body outer surface. Wings extend from side walls of the adjacent fins between the fin top and the fin base such that the wings form a barrier which splits the channel into an upper channel and a lower channel. A plurality of holes penetrate the barrier where the wings meet, so liquids and gases can pass into and out of the enclosed area defined by the lower channel. The wings can include alternating upper wings and lower wings, and there can be depressions formed in the fin top.

IPC 8 full level
F28F 1/42 (2006.01)

CPC (source: EP)
F28F 1/42 (2013.01); **F28F 1/422** (2013.01); **F28F 13/187** (2013.01); **F28F 2001/428** (2013.01); **F28F 2215/12** (2013.01)

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AL BA MK RS

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