

Title (en)

Evaporative heat exchanger with a streamline cross section tube coil with less or even without cooling fins

Title (de)

Verdampfungswärmetauscher mit Profilierten Rohren mit wenigen oder ohne Rippen

Title (fr)

Echangeur de chaleur à évaporation avec tubes profilés faiblement ou pas du tout ailettés

Publication

**EP 1439361 A1 20040721 (EN)**

Application

**EP 03250233 A 20030115**

Priority

EP 03250233 A 20030115

Abstract (en)

An evaporative heat exchanger (110) of a medium condenser of an air condition system with less cooling fins even without cooling fins with a novel coil assembly composed of a plurality of streamline cross sectional tubes (122) used to instead of conventional round tubes provide an ultra high evaporative efficiency thereby having the further improvement of easy to clean and convenient for maintenance. <IMAGE>

IPC 1-7

**F28D 5/02**; **F28F 1/02**

IPC 8 full level

**F28B 1/06** (2006.01); **F28D 5/02** (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP)

**F28B 1/06** (2013.01); **F28D 5/02** (2013.01); **F28F 1/02** (2013.01); **F28F 2250/02** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 11 3 January 2001 (2001-01-03)
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Designated contracting state (EPC)

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