

Title (en)

Air-cooled condenser or air-heated evaporator

Title (de)

Luftgekühlter Verflüssiger oder luftbeheizter Verdampfer

Title (fr)

Condenseur refroidi à l'air ou évaporateur chauffé par air

Publication

**EP 1256770 B1 20060301 (DE)**

Application

**EP 02009647 A 20020427**

Priority

DE 20107972 U 20010512

Abstract (en)

[origin: EP1256770A1] An air-cooled liquefier or evaporator consists of a fan-evaporator housing in which at least one fan is located in front of several bent and ribbed coolant tubes. The fan-evaporator housing (1) consists of one or more cylinder segments. The ribbed coolant tubes (2) form the circular outside surface (3) of the housing. The coolant tubes are semi-circular and are located at a distance one above the other, each with constant radius. The plane of the ribs runs vertically plane formed by the ribs and connects the coolant tubes together. The semicircular segments are provided with an upper and lower cover (4,5) which together form the housing with a back wall (6).

IPC 8 full level

**F28D 1/047** (2006.01); **F25B 39/00** (2006.01); **F28B 1/06** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)

**F25B 39/00** (2013.01); **F28B 1/06** (2013.01); **F28D 1/047** (2013.01); **F28F 9/001** (2013.01)

Cited by

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