

Title (en)
HEAT EXCHANGER WITH TUBES LOCKED TO THE TUBE END PLATE

Publication
EP 0099806 B1 19850703 (FR)

Application
EP 83401402 A 19830707

Priority
ES 51408882 A 19820716

Abstract (en)
[origin: EP0099806A2] 1. Heat exchanger with tubes locked to the tube end plate comprising fins (2) engaged on the tubes (1) which are themselves engaged into resilient material collars (5) placed into the tube passages of a tube end plate (3), characterized by stop members (7) having at least one hole (8) of a diameter smaller than outer diameter of the tubes, said stop members being forcibly engaged on the end protruding in the tube end plate of at least some of the tubes to which it is connected.

IPC 1-7
F28F 9/14; F28F 9/02

IPC 8 full level
F28F 9/14 (2006.01)

CPC (source: EP)
F28F 9/14 (2013.01); **F28F 2265/32** (2013.01); **F28F 2275/065** (2013.01)

Cited by
DE3247502A1; EP0393221A1; FR2578968A1; CN106705703A; FR2636130A1; US7712327B2

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DOCDB simple family (publication)
EP 0099806 A2 19840201; **EP 0099806 A3 19840328**; **EP 0099806 B1 19850703**; BR 8303785 A 19840221; DE 3360352 D1 19850808; DE 99806 T1 19840927; FR 2530328 A1 19840120; FR 2530328 B1 19870605

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