

Title (en)
COUNTER-CURRENT HEAT EXCHANGER

Publication
EP 0283718 B1 19900912 (DE)

Application
EP 88102398 A 19880219

Priority
• DE 8704409 U 19870325
• DE 8712948 U 19870925

Abstract (en)
[origin: EP0283718A1] 1. A counter-current heat exchanger in an air supply and air removal system, more particularly for the supply of air to a stall and the removal of air therefrom, with air removal and air supply ducts which taken as a whole extend parallel to each other, the air removal and the air supply ducts being formed by first ducts (1) with thin partition walls, which have a non-circular cross section, and the cavities between the first ducts (1) form the respectively second ducts (3), characterized in that the first ducts (1) are convoluted helically and the helical structure is made up in sections of respectively opposite hand.

IPC 1-7
F28D 9/00; F28F 13/08

IPC 8 full level
F28D 9/00 (2006.01); **F28F 1/02** (2006.01); **F28F 7/02** (2006.01); **F28F 13/06** (2006.01); **F28F 13/08** (2006.01)

CPC (source: EP)
F28D 9/0031 (2013.01); **F28F 1/025** (2013.01); **F28F 3/046** (2013.01); **F28F 7/02** (2013.01); **F28F 13/06** (2013.01)

Cited by
EP1815902A1; FR3020135A1; CN109489449A; CN115077267A; AU618840B2; FR2865028A1; JP2007518053A; WO2015159213A1; WO2005073657A1

Designated contracting state (EPC)
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EP 0283718 A1 19880928; EP 0283718 B1 19900912; DE 3860582 D1 19901018

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