

Title (en)

Heat exchanger, more particularly for masses for production of confectionery

Title (de)

Wärmetauscher, insbesondere für Massen zur Herstellung von Süßwaren

Title (fr)

Echangeur thermique, en particulier pour des masses pour produire des confiseries

Publication

EP 1530016 A3 20081217 (DE)

Application

EP 04025251 A 20041023

Priority

- DE 10351505 A 20031105
- DE 102004028528 A 20040611

Abstract (en)

[origin: EP1530016A2] Heat exchanger (10) comprises guiding elements (22, 24) extending up to the region of an inlet (18) and an outlet (19). The cross-section of the inlet and the cross-section of the outlet fit the delimiting walls of the guiding elements and run flush with them. Preferred Features: The guiding elements arranged in the region of the inlet and outlet each have a guiding wall with a middle point which is aligned to the cross-section of the inlet and outlet. A supporting element (21) forms a insert unit (20) together with annular segments (26).

IPC 8 full level

F28D 7/16 (2006.01); **F28F 13/06** (2006.01)

CPC (source: EP)

F28D 7/16 (2013.01); **F28D 7/1669** (2013.01); **F28F 13/06** (2013.01)

Citation (search report)

- [X] GB 2005820 A 19790425 - FUNKE WAERME APPARATE KG
- [X] US 1335506 A 19200330 - JONES RUSSELL C
- [X] FR 609045 A 19260806 - GRISCOM RUSSELL CO

Cited by

DE102004012607B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1530016 A2 20050511; EP 1530016 A3 20081217; EP 1530016 B1 20100331

DOCDB simple family (application)

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