

Title (en)
Heat exchanger unit

Title (de)
Wärmetauscherblock

Title (fr)
Unité d'échangeur de chaleur

Publication
EP 1489375 B1 20091014 (DE)

Application
EP 04006316 A 20040317

Priority
DE 10322211 A 20030516

Abstract (en)
[origin: EP1489375A1] The heat exchanging block has heat exchangers (1-3) which are mutually connected by connectors. The connectors are arranged in the borings arranged in the projecting pieces on both gradings. Arrangement devices enable the arrangement of hoods (20) in the longitudinal walls of the collection containers. The gradings are provided to the narrow walls of the collection containers (4) of the heat exchangers.

IPC 8 full level
F28F 9/04 (2006.01); **F28D 1/04** (2006.01); **F28F 9/00** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
F28D 1/0443 (2013.01 - EP US); **F28F 9/002** (2013.01 - EP US); **F28F 2275/14** (2013.01 - EP US); **F28F 2275/205** (2013.01 - EP US)

Cited by
EP1867943A1; CN104880113A; EP2280238A1; WO2009144283A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1489375 A1 20041222; **EP 1489375 B1 20091014**; DE 10322211 A1 20041202; DE 502004010221 D1 20091126;
US 2004250988 A1 20041216; US 8061410 B2 20111122

DOCDB simple family (application)
EP 04006316 A 20040317; DE 10322211 A 20030516; DE 502004010221 T 20040317; US 81373904 A 20040331