

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR THERMIQUE

Publication
EP 1682831 A1 20060726 (DE)

Application
EP 04819205 A 20041115

Priority
• EP 2004012932 W 20041115
• DE 10353159 A 20031114

Abstract (en)
[origin: WO2005052470A1] The invention relates to a collection container (10) for a heat exchanger, in particular for a refrigerant condenser in a motor vehicle. According to the invention, the collection container (10) comprises at least one inlet (38) for a fluid, in particular a refrigerant and at least one outlet (40) for said fluid. In addition, the outer covering (24) of the collection container (10), when viewed in perpendicular cross-sections in relation to the longitudinal direction of the collection container (10), delimits respective cross-sectional surfaces of the interior and the surface area of said cross-sectional surfaces of the interior that are delimited by the outer covering (24) differs in size (52, 54) in at least two cross-sections that are located at a distance from one another in the longitudinal direction of the collection container (10).

IPC 8 full level
F25B 39/04 (2006.01); **F25B 40/02** (2006.01)

CPC (source: EP US)
F25B 39/04 (2013.01 - EP US); **F25B 40/02** (2013.01 - EP US); **F25B 2339/0441** (2013.01 - EP US); **F25B 2339/0446** (2013.01 - EP US); **F25B 2400/162** (2013.01 - EP US); **F25B 2500/01** (2013.01 - EP US)

Citation (search report)
See references of WO 2005052470A1

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

DOCDB simple family (publication)
WO 2005052470 A1 20050609; AT E426784 T1 20090415; DE 102004055004 A1 20050616; DE 502004009238 D1 20090507; EP 1682831 A1 20060726; EP 1682831 B1 20090325; US 2008314075 A1 20081225; US 8919147 B2 20141230

DOCDB simple family (application)
EP 2004012932 W 20041115; AT 04819205 T 20041115; DE 102004055004 A 20041115; DE 502004009238 T 20041115; EP 04819205 A 20041115; US 66008104 A 20041115