

Title (en)
Evaporator and process for fabricating same

Title (de)
Verdampferanordnung und Verfahren zur Herstellung einer Verdampferanordnung

Title (fr)
Évaporateur et procédé de fabrication dudit évaporateur

Publication
EP 1662199 A3 20090114 (DE)

Application
EP 05017624 A 20050812

Priority
• DE 102004057757 A 20041130
• DE 102005020147 A 20050429

Abstract (en)
[origin: EP1662199A2] The evaporator includes a bowl-shaped carrier (24) containing a porous evaporator medium (38). At least part of the porous evaporator medium is sintered into the bowl-shaped carrier. The carrier may have at least one liquid input line. There may be a liquid diversion region in the region of the liquid input aperture.

IPC 8 full level
F23D 3/40 (2006.01)

CPC (source: EP)
F23D 3/40 (2013.01); **F23D 2212/00** (2013.01); **F23D 2213/00** (2013.01)

Citation (search report)
• [XY] DE 10164225 A1 20030717 - WEBASTO THERMOSYSTEME GMBH [DE]
• [Y] US 4735568 A 19880405 - IZUMISAWA MAMORU [JP], et al
• [Y] DE 19750964 A1 19990520 - EBERSPAECHER J GMBH & CO [DE]
• [A] DE 10111892 C1 20020822 - GKN SINTER METALS GMBH [DE]
• [E] EP 1598595 A1 20051123 - EBERSPAECHER J GMBH & CO KG [DE]

Cited by
DE102014117116B4; CN103534528A; US2015102117A1; US9897311B2; RU2656167C1; US10408447B2; WO2016078640A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1662199 A2 20060531; EP 1662199 A3 20090114; EP 1662199 B1 20170301

DOCDB simple family (application)
EP 05017624 A 20050812