

Title (en)  
Plate heat exchanger

Title (de)  
Plattenwärmetauscher

Title (fr)  
Échangeur de chaleur à plaques

Publication  
**EP 1793193 A3 20070613 (DE)**

Application  
**EP 06023933 A 20061117**

Priority  
• EP 05026404 A 20051202  
• EP 06023933 A 20061117

Abstract (en)  
[origin: EP1793193A2] Plate heat exchanger has a heat exchanger block (1) with several heat exchange passages. The header (2) is so formed that the cylinder axle runs within the header with a distance (11) to the plain surface (12). The exterior angle (8) averages 87[deg] or smaller or 81[deg] or smaller or 75[deg] or smaller, between the cylinder cover segment shape wall (7) of the header and the side (5) of the heat exchanger block.

IPC 8 full level  
**F28F 9/02** (2006.01); **F28D 1/03** (2006.01); **F28D 9/00** (2006.01)

CPC (source: EP)  
**F28D 9/00** (2013.01); **F28F 9/02** (2013.01); **F28F 9/026** (2013.01)

Citation (search report)  
• [X] US 2003182785 A1 20031002 - HARKINS BRUCE DAVID [US], et al  
• [X] GB 1205933 A 19700923 - CLARKE CHAPMAN LTD  
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• [X] US 3216495 A 19651109 - DOUGLAS JOHNSON  
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• [A] US 4310960 A 19820119 - PARKER KENNETH O  
• [A] US 2005066524 A1 20050331 - MOELLER STEFAN [DE], et al

Cited by  
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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 1793193 A2 20070606; EP 1793193 A3 20070613**

DOCDB simple family (application)  
**EP 06023933 A 20061117**