

Title (en)  
OIL-COOLER FOR A COMBUSTION MOTOR

Publication  
**EP 0428919 B1 19930414 (DE)**

Application  
**EP 90120966 A 19901101**

Priority  
DE 3938253 A 19891117

Abstract (en)  
[origin: EP0428919A1] The production of soldered disc-type oil coolers presents manufacturing difficulties if two plate halves stacked one upon the other to form a hollow body are to form a defined gap of importance for the soldering process, especially at their outer edges. <??>The invention proposes that the individual disc elements should be constructed from two plates (13, 14) of circular or elliptical shape and that their edges should overlap one another and be matched to one another in such a way that the outer edge (19) latches in at the inner edge (16) of the other plate and is held there under stress. <??>Applications: engine or gearbox oil coolers. <IMAGE>

IPC 1-7  
**F28D 9/00**

IPC 8 full level  
**F28D 9/00** (2006.01); **F28F 3/10** (2006.01)

CPC (source: EP US)  
**F28D 9/0012** (2013.01 - EP US); **F28F 3/10** (2013.01 - EP US); **Y10S 165/916** (2013.01 - EP US)

Cited by  
EP3926215A1; DE102005050738A1; EP0492047A1; EP1647793A3

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