

Title (en)  
OIL COOLER FOR COMBUSTION ENGINES

Publication  
**EP 0353404 B1 19921119 (DE)**

Application  
**EP 89108538 A 19890512**

Priority  
DE 8808332 U 19880629

Abstract (en)  
[origin: EP0353404A1] An oil cooler for combustion engines having a housing chamber, through which oil to be cooled flows, and a finned-tube block through which a cooling liquid, in particular water, flows, in which oil cooler the finned-tube block (2) consists of at least two sets of tube forks (6, 6', 6'') and of fins (8) extending transversely to the limbs (7) of the tube forks, and the apexes (9) of all the arcs of the tube forks (6, 6', 6'') lie in a common plane. A single water box (13) assigned to the open tube ends (12, 12') is provided with partitions (14, 15, 16) which engage in each case between the open ends (12, 12') of the tube forks (6, 6', 6'') of a set. The oil cooler has a low space requirement in conjunction with a very high cooling power. <IMAGE>

IPC 1-7  
**F28D 7/06; F28F 9/02**

IPC 8 full level  
**F28D 7/06** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP)  
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Cited by  
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DE ES FR GB IT

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**DE 8808332 U1 19880825**; DE 58902748 D1 19921224; EP 0353404 A1 19900207; EP 0353404 B1 19921119; ES 2035425 T3 19930416

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