

Title (en)  
SUMP FOR AN INTERNAL-COMBUSTION ENGINE

Publication  
**EP 0358895 A3 19900411 (DE)**

Application  
**EP 89113530 A 19890722**

Priority  
DE 3830966 A 19880912

Abstract (en)  
[origin: JPH02108804A] PURPOSE: To ease assembling by fixing a cup-shaped baffle insert, which is inserted in a bottom of an oil pan through an opening, to the oil pan by means of a collar, a bottom section, a screw and a sealing portion. CONSTITUTION: Connection to a crank casing is performed at a region of a separation face A-A. An oil pan 1 made of plastic is provided on its bottom 9 with a cup-shaped baffle insert 13 made of plastic. The insert 13 has a bottom 15 and a peripheral wall 14 extending vertically to the bottom 9. A tube member 5 comprising a strainer 6 for the oil pan 1 extends in an inner chamber 16 of the insert 13. The bottom 15 exceeds the circular peripheral wall 14 to extend outwards, thus forming a collar 17. The collar 17 rests against a bottom section 19 of the bottom 9 and is supported via a screw 20. The screw 20 is screwed in a metal screw insert 26, and the insert 26 is enclosed by a thick portion 27.

IPC 1-7  
**F01M 11/00**; **F02F 7/00**

IPC 8 full level  
**F01M 11/00** (2006.01)

CPC (source: EP US)  
**F01M 11/0004** (2013.01 - EP US); **F01M 2011/007** (2013.01 - EP US); **F01M 2011/0079** (2013.01 - EP US); **F01M 2011/0091** (2013.01 - EP US)

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