

Title (en)

Plastic structural oil pan with pull-through bottom for combustion engine and method of manufacturing such a pan

Title (de)

Strukturelle Ölwanne aus Plastik mit Einsatzboden für Verbrennungsmotor und Herstellungsverfahren einer solchen Wanne

Title (fr)

Carter d'huile structurel en plastique à fond rapporté pour moteur à combustion et procédé de fabrication d'un tel carter

Publication

EP 2039895 B1 20100707 (FR)

Application

EP 08164649 A 20080918

Priority

FR 0706639 A 20070921

Abstract (en)

[origin: EP2039895A1] The pan has inner ribs integrally formed with a plastic upper piece (30) and arranged towards a bottom (10) of a plastic lower piece (50). The upper piece has side walls (31, 32, 33, 34) defining an internal volume, and a cross part (20) extending in the internal volume by joining the side walls. The upper piece extends between an upper end defining an upper opening and a lower end defining a lower opening. The bottom of the lower piece is tightly fitted in a sealed manner at the lower end of the upper piece. An independent claim is also included for a method for fabricating a structural oil pan.

IPC 8 full level

F01M 11/00 (2006.01)

CPC (source: EP)

F01M 11/0004 (2013.01); **F01M 2011/0087** (2013.01); **F01M 2011/0091** (2013.01)

Cited by

WO2021228454A1; DE102020112653A1; US11795845B2

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DOCDB simple family (publication)

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