

Title (en)

Oil pan for internal combustion engine and screen assembly

Title (de)

Ölwanne für Brennkraftmaschine sowie Siebanordnung

Title (fr)

Vanne à huile pour moteur à combustion interne ainsi qu'agencement de crible

Publication

EP 2662544 A3 20150415 (DE)

Application

EP 12007868 A 20121122

Priority

DE 102012009196 A 20120510

Abstract (en)

[origin: EP2662544A2] The oil sump (1) has a suction line (6), which is made of plastic and is integrated in the oil sump. A receptacle (10) is provided on a suction line cover (6c) or between upwardly projecting sump base-sided guide wall sections (6a) and the suction line cover. A screen (9), which is formed in a partially plate-shaped manner, is aligned, accommodated and held, particularly detachably held in an ejection direction of the oil sump or the suction line cover. A wall of the suction line is directly formed by a sump base (2). An independent claim is included for a screen assembly provided in the area of an inlet opening of a suction line arranged in an oil sump.

IPC 8 full level

F01M 11/00 (2006.01)

CPC (source: EP RU)

F01M 11/0004 (2013.01 - EP); **F01M 11/0004** (2013.01 - RU); **F01M 2011/007** (2013.01 - EP RU); **F01M 2011/0091** (2013.01 - EP)

Citation (search report)

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- [Y] DE 8911897 U1 19891221
- [Y] WO 2005113948 A1 20051201 - GM GLOBAL TECH OPERATIONS INC [US], et al
- [Y] DE 102007060411 A1 20080904 - DAIMLER AG [DE]
- [Y] US 6041752 A 20000328 - VAN KLOMPENBURG DOUGLAS K [US]
- [Y] FR 2764642 A1 19981218 - IBS FILTRAN KUNSTSTOFF METALL [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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BR 102013011623 A8 20210413; BR 102013011623 B1 20210928; CN 103470338 A 20131225; CN 103470338 B 20171114;
DE 102012009196 A1 20131114; RU 2013113604 A 20141010; RU 2611547 C2 20170228

DOCDB simple family (application)

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