

Title (en)
Oil pan

Title (de)
Ölwanne

Title (fr)
Carter d'huile

Publication
EP 1041253 B1 20040609 (DE)

Application
EP 00103563 A 20000219

Priority
DE 19914607 A 19990330

Abstract (en)
[origin: EP1041253A1] The oil sump has base (1), side wall (2), and an all-round raised part (3) on the inside. Elements to accommodate external forces positioned on the outside of the sump base, have webs (6), which are located on the outside of at least the sump base, in addition to conventional ribs (5). The webs project at least as far as the ribs, are wider, and have higher rigidity. Oil sump and webs are of polypropylene, and a coating between the webs is of thermoplastic elastomer.

IPC 1-7
F01M 11/00

IPC 8 full level
F01M 11/00 (2006.01)

CPC (source: EP)
F01M 11/0004 (2013.01); **F01M 2011/0091** (2013.01)

Cited by
DE102010005536A1; DE102012022021A1; DE102009055153A1; EP2025889A1; US7905367B2; US6705270B1; EP1741884A2; WO0183954A1; US7780142B2; US7481196B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1041253 A1 20001004; EP 1041253 B1 20040609; DE 19914607 A1 20001012; DE 19914607 C2 20010809; DE 50006717 D1 20040715

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