

Title (en)

A cover for a lubricating-oil sump and an internal-combustion engine comprising the cover

Title (de)

Überwanne zur Ölwanne und Brennkraftmaschine mit dieser Überwanne

Title (fr)

Couvercle pour carter d'huile et moteur à combustion équipé de ce couvercle

Publication

**EP 0924396 B1 20030312 (EN)**

Application

**EP 98123723 A 19981214**

Priority

IT TO971096 A 19971216

Abstract (en)

[origin: EP0924396A1] The cover (7) has, in its central region, a tubular element (8) which can house the intake pipe (5) of the oil-circulation pump and which is of a length such that, in the condition of use, it extends into the sump (4) beyond the end of the intake pipe (5). The lower end (8a) of the tubular element (8) is provided with a filter (10). The cover (7) also has holes (12) with which shutters (13) are associated for preventing oil from returning from the sump (4) to the block (2) of the engine (1). <IMAGE>

IPC 1-7

**F01M 11/00**; **F01M 11/06**

IPC 8 full level

**F01M 11/00** (2006.01); **F01M 11/06** (2006.01)

CPC (source: EP)

**F01M 11/0004** (2013.01); **F01M 11/064** (2013.01); **F01M 2011/0041** (2013.01); **F01M 2011/007** (2013.01)

Cited by

EP1457646A1; EP2154339A1; DE102008022446A1; DE102008022446B4; DE102005002578A1; EP1277926A3; US7124730B2; US8496812B2; US7958861B2; JP2010043646A; WO2024086691A1

Designated contracting state (EPC)

DE ES FR GB SE

DOCDB simple family (publication)

**EP 0924396 A1 19990623**; **EP 0924396 B1 20030312**; DE 69812053 D1 20030417; DE 69812053 T2 20031120; ES 2193468 T3 20031101; IT 1296645 B1 19990714; IT TO971096 A1 19990616

DOCDB simple family (application)

**EP 98123723 A 19981214**; DE 69812053 T 19981214; ES 98123723 T 19981214; IT TO971096 A 19971216