

Title (en)
Plastic Head Cover of Internal Combustion Engine

Title (de)
Kunststoffdeckel für Verbrennungsmotor

Title (fr)
Capot en plastique de moteur à combustion interne

Publication
EP 2604836 A2 20130619 (EN)

Application
EP 12192703 A 20121115

Priority
JP 2011273978 A 20111215

Abstract (en)
A plastic head cover (10) of an internal combustion engine having therein two parallel oil mist separator chambers (11,12) comprises a plastic cover body (21) that is adapted to be mounted on a cylinder head of the engine and includes lower portions of the separator chambers, and a plastic upper body (23) that includes upper portions of the separator chambers and is mounted on and secured to the plastic cover body in such a manner that the upper portions possessed by the plastic upper body are mated with the lower portions possessed by the cover body, thereby forming an entire construction of the two oil mist separator chambers.

IPC 8 full level
F01M 13/04 (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP US)
F01M 9/10 (2013.01 - US); **F01M 13/02** (2013.01 - EP US); **F01M 13/0416** (2013.01 - EP US)

Citation (applicant)

- JP 2003293853 A 20031015 - MAHLE TENNEX CORP
- JP 2011122478 A 20110623 - MAHLE FILTER SYSTEMS JP CORP
- JP 2011273978 A 20111215

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)
EP 2604836 A2 20130619; CN 103161601 A 20130619; JP 2013124598 A 20130624; US 2013152891 A1 20130620

DOCDB simple family (application)
EP 12192703 A 20121115; CN 201210544873 A 20121214; JP 2011273978 A 20111215; US 201213674341 A 20121112