

Title (en)
Cylinder head cover

Title (de)
Zylinderkopfhaube

Title (fr)
Coiffe de tête de cylindre

Publication
EP 1884629 B1 20090624 (DE)

Application
EP 07112407 A 20070713

Priority
DE 202006011672 U 20060727

Abstract (en)
[origin: EP1884629A1] The cover (10) has a housing (11) sealingly connected with a cylinder head of an internal combustion engine, where the housing has a retainer (28) with a fit for a functional component (19) such as control valve. The housing is made of thermoplastic resin, and the retainer is integrated in a retaining part (20), which is made of metal such as aluminum, where the retaining part is surrounded by the housing. The functional component is sealingly connected with the housing, and flow channels are arranged in the retaining part.

IPC 8 full level
F01L 1/34 (2006.01); **F02F 7/00** (2006.01)

CPC (source: EP)
F01L 1/344 (2013.01); **F02F 7/006** (2013.01); **F01L 2001/0537** (2013.01); **F01L 2001/34433** (2013.01)

Cited by
DE102015224440A1; US2015000462A1; CN113236395A; CN102165233A; EP2327912A4; US10760669B2; US8297900B2;
DE202008013310U1; DE102011007745A1; US9303535B2; EP3179060A1; US10550795B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1884629 A1 20080206; EP 1884629 B1 20090624; AT E434715 T1 20090715; DE 202006011672 U1 20071206;
DE 502007000922 D1 20090806

DOCDB simple family (application)
EP 07112407 A 20070713; AT 07112407 T 20070713; DE 202006011672 U 20060727; DE 502007000922 T 20070713