

Title (en)  
Cylinder head for a pump

Title (de)  
Zylinderkopf für eine Pumpe

Title (fr)  
Tête de cylindre pour pompe

Publication  
**EP 2525097 B1 20191127 (EN)**

Application  
**EP 12168574 A 20120518**

Priority  
US 201161488293 P 20110520

Abstract (en)  
[origin: EP2525097A1] A cylinder head for a pump. The pump includes a piston and a cylinder block at least partially defining a cylinder chamber receiving the piston. The cylinder head is couplable to the cylinder block. The cylinder head includes an inlet manifold formed as a single piece, an outlet manifold formed as a single piece separate from the inlet manifold, and a pressure chamber positioned fluidly between the inlet manifold and the outlet manifold formed as a single piece separate from the inlet manifold and separate from the outlet manifold. The pressure chamber is formed of a first material, and at least one of the inlet manifold and the outlet manifold is formed of a second material different than the first material.

IPC 8 full level  
**F04B 39/12** (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP US)  
**F04B 39/125** (2013.01 - EP US); **F04B 53/007** (2013.01 - EP US); **F05C 2201/021** (2013.01 - EP US); **F05C 2201/0481** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**EP 2525097 A1 20121121**; **EP 2525097 B1 20191127**; AU 2012100687 A4 20120614; CN 202883356 U 20130417;  
US 2012294746 A1 20121122

DOCDB simple family (application)  
**EP 12168574 A 20120518**; AU 2012100687 A 20120518; CN 201220327690 U 20120520; US 201213475589 A 20120518