Title (en)
  Internal combustion engine

Title (de)
  Verbrennungsmotor

Title (fr)
  Moteur à combustion interne

Publication
  EP 1215376 B1 20070606 (DE)

Application
  EP 01129683 A 20011213

Priority
  US 73882200 A 20001215

Abstract (en)
  [origin: EP1215376A2] Internal combustion engine comprises a cylinder block, a cylinder head, and a control housing cover (20). The control housing cover and the cylinder block form a control housing (74), a pump inlet chamber (58), and a pump outlet chamber (64) which are separate from each other. The pump inlet chamber surrounds the pump outlet chamber so that the pump outlet chamber is separated from the control housing. Preferred Features: The control housing cover has a coolant inlet (54) preferably molded within the control housing cover, a thermostat housing, and a chamber (68) to which hot coolant from the cylinder head is fed. A seal (70) is provided between the cylinder head and the control housing lid.

IPC 8 full level
  F23N 5/12 (2006.01); **F01P 5/10** (2006.01); **F02F 7/00** (2006.01); F01P 7/16 (2006.01)

CPC (source: EP US)
  F01P 5/10 (2013.01 - EP US); **F02F 7/0065** (2013.01 - EP US); **F02F 7/007** (2013.01 - EP US); **F02F 7/0073** (2013.01 - EP US);
  F01P 7/16 (2013.01 - EP US); F01P 2070/00 (2013.01 - EP US)

Cited by
  DE102004062526B4; CN108930606A; CN109209599A; FR2983240A1; EP1849973A1; FR2903150A1; EP1876347A1; DE102014212550B4

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DOCDB simple family (publication)
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  CA 2364775 A1 20020615; DE 50112593 D1 20070719; MX PA01012828 A 20020709; US 2002073951 A1 20020620; US 6453868 B1 20020924

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