

Title (en)
CYLINDER HEAD FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
ZYLINDERKOPF FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
CULASSE POUR MOTEUR À COMBUSTION INTERNE

Publication
EP 2501919 B1 20201014 (DE)

Application
EP 10788265 A 20101118

Priority
• AT 18382009 A 20091119
• EP 2010067734 W 20101118

Abstract (en)
[origin: AT507479A2] The head has two cooling chambers (4, 9) permeated by coolant and fluidically connected to each other by a bore (10), where an area of an exhaust manifold is partially encompassed by one of the cooling chambers. A cylinder is arranged in the bore that is formed between an inlet opening (2) and an outlet opening (3), where the bore is formed parallel to a cylinder head sealing surface in a fire deck (7). The bore opens into the cooling chamber by an outer opening (13) and is closed by a stopper.

IPC 8 full level
F02F 1/40 (2006.01)

CPC (source: EP US)
F02F 1/242 (2013.01 - EP US); **F02F 1/243** (2013.01 - EP US); **F02F 1/38** (2013.01 - EP US); **F02F 1/40** (2013.01 - EP US);
F02B 2053/005 (2013.01 - EP US)

Citation (examination)
US 3889644 A 19750617 - MOORE TREVOR J

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EP 2501919 A1 20120926; EP 2501919 B1 20201014; US 2012285403 A1 20121115; US 8887674 B2 20141118; WO 2011061248 A1 20110526

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