

Title (en)

Cylinderhead for a crankcase with various cylinder bores

Title (de)

Zylinderkopf zur Verwendung für Kurbelgehäuse mit unterschiedlichen Zylinderbohrungsdurchmessern

Title (fr)

Culasse pour un carter-moteur à plusieurs alésages

Publication

EP 0896146 A3 19990818 (DE)

Application

EP 98110043 A 19980529

Priority

DE 19734007 A 19970806

Abstract (en)

[origin: EP0896146A2] The cylinder head (2) for a crankcase, with cylinder bores of different diameters, matches all the crankcase versions. The mounting points and the gas exchange valves (4a) are identical. The valve seat rings (7) are positioned and dimensioned so that the valve head (6) extends into the cylinder edge section forming the combustion zone portion of the cylinder head (2).

IPC 1-7

F02F 1/42; **F02B 69/00**

IPC 8 full level

F01L 3/22 (2006.01); **F02B 69/00** (2006.01); **F02F 1/38** (2006.01); **F02F 1/42** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP US)

F01L 3/22 (2013.01 - EP US); **F02B 69/00** (2013.01 - EP US); **F02F 1/38** (2013.01 - EP US); **F02F 2001/247** (2013.01 - EP US)

Citation (search report)

- [A] EP 0611878 A1 19940824 - AVL VERBRENNUNGSKRAFT MESSTECH [AT]
- [A] EP 0732493 A1 19960918 - FORD MOTOR CO [GB], et al
- [A] FR 576485 A 19240821
- [A] FR 2353714 A1 19771230 - RENAULT [FR]
- [A] GB 281347 A 19271205 - DAVID LEWIS LIPMAN, et al

Cited by

FR2914359A1; DE102005020228A1; DE102005020228B4

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0896146 A2 19990210; **EP 0896146 A3 19990818**; **EP 0896146 B1 20030625**; DE 19734007 A1 19990211; DE 59808795 D1 20030807; US 6000372 A 19991214

DOCDB simple family (application)

EP 98110043 A 19980529; DE 19734007 A 19970806; DE 59808795 T 19980529; US 11496198 A 19980713