

Title (en)
CAST CYLINDER HEAD FOR AN INTERNAL COMBUSTION ENGINE

Publication
EP 0339453 A3 19900228 (DE)

Application
EP 89107002 A 19890419

Priority
DE 3814524 A 19880429

Abstract (en)
[origin: EP0339453A2] A cast cylinder head for an internal combustion engine is described which has at least one recess each for an inlet and an outlet duct, the recesses each having a contour which can be produced by drawing cores. In order to obtain the best possible flow conditions, despite the restrictions imposed by the drawing cores, particularly when designing the inlet ducts, it is proposed that a tube-like insert (8) forming a duct shape favourable to the flow be held at least in the recess (7) for the inlet duct (6). This insert may be formed by means of a compression-moulded sheet metal hollow body. <IMAGE>

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F02F 1/38

IPC 8 full level
F02F 1/38 (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP)
F02F 1/38 (2013.01); **F02F 2001/247** (2013.01); **F02F 2200/06** (2013.01)

Citation (search report)

- DE 2028989 A1 19711202
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- US 4604779 A 19860812 - NARITA YOSHINORI [JP], et al
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DE ES FR IT

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EP 0339453 A2 19891102; EP 0339453 A3 19900228; EP 0339453 B1 19911121; DE 58900468 D1 19920102; ES 2029095 T3 19920716

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