

Title (en)  
MOULD FOR A CRANKCASE

Publication  
**EP 0280675 B1 19901122 (DE)**

Application  
**EP 88890029 A 19880209**

Priority  
AT 41887 A 19870225

Abstract (en)  
[origin: EP0280675A2] Known moulds for crankcases have a large number of cores, which results in a more expensive core assembly and in an increase in the casting tolerances. In addition, due to unfavourable division of the outer mould, the freedom for shaping the crankcase is greatly restricted. In a mould for a crankcase of an in-line internal combustion engine with an outer mould resting on a pedestal of a base core, the base core having a pedestal section, a crank-space section and a main-bearing section, and with water-jacket cores and cylinder-bore cores, the above-mentioned disadvantages are overcome owing to the fact that the base core (1) has cylinder-bore cores (3) integrally formed in one piece, the pedestal section, the crank-space section and the main-bearing section being combined to form a single base-core part, adjoining which are the cylinder-bore cores, and that the water-jacket cores (12), the oil-space cores (18) and if need be a cover core (11) are mounted on the base core (1) thus formed. <IMAGE>

IPC 1-7  
**B22C 9/00**

IPC 8 full level  
**B22C 9/10** (2006.01); **F02F 1/24** (2006.01)

CPC (source: EP KR)  
**B22C 9/00** (2013.01 - KR); **B22C 9/103** (2013.01 - EP); **F02F 1/24** (2013.01 - EP)

Cited by  
US6662857B2; DE4118403A1; DE4118403C2; EP0486463A3; CN114850446A; CN112566739A; CZ303141B6; EP1147836A3; WO2004033128A3

Designated contracting state (EPC)  
DE FR IT

DOCDB simple family (publication)  
**EP 0280675 A2 19880831**; **EP 0280675 A3 19890222**; **EP 0280675 B1 19901122**; AT 387164 B 19881212; AT A41887 A 19880515; DE 3861100 D1 19910103; KR 880009714 A 19881004; KR 910006549 B1 19910828

DOCDB simple family (application)  
**EP 88890029 A 19880209**; AT 41887 A 19870225; DE 3861100 T 19880209; KR 880001848 A 19880223