

Title (en)

Mold for casting a laterally central portion of an engine block.

Title (de)

Form zum Giessen des seitlichen Mittelteiles eines Motorblockes.

Title (fr)

Moule pour la coulée de la partie centrale latérale d'un bloc-moteur.

Publication

EP 0657234 A1 19950614 (EN)

Application

EP 94113530 A 19940830

Priority

JP 23740393 A 19930830

Abstract (en)

A mold is provided which can greatly reduce cutting of an engine block of an internal combustion engine to aim at a cost reduction. A mold for casting an engine block of a two-cylinder four-cycle internal combustion engine, an upper inner mold is integrally formed with a cam chain storing chamber upper inner mold disposed intermediate of right and left liner retaining projections, for defining an upper portion of an inner surface of a tensioner lifter supporting hole. A lower inner mold is formed with a cam chain storing chamber (10) lower inner mold (28) opposed to the cam chain storing chamber (10) upper inner mold (27) of the upper inner mold, for defining a lower portion of the inner surface of the tensioner lifter supporting hole. The lower inner mold (28) is further formed with an upper projection (32) projecting upward from an inner opening edge upper portion of the tensioner lifter supporting hole (22) facing a cam chain storing chamber (10). A rear outer mold (24) is formed with a lower projection projecting downward from an outer opening edge lower portion of the tensioner lifter supporting hole facing the cam chain storing chamber. <IMAGE>

IPC 1-7

B22C 9/24

IPC 8 full level

B22C 9/22 (2006.01); **B22C 9/24** (2006.01)

CPC (source: EP)

B22C 9/24 (2013.01)

Citation (search report)

- [A] US 4757857 A 19880719 - HENKEL HORST [DE]
- [A] DE 84304 C
- [A] DATABASE WPI Week 7507, Derwent World Patents Index; AN 75-10928W #07!

Cited by

US7814879B2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 0657234 A1 19950614; **EP 0657234 B1 19981202**; DE 69414986 D1 19990114; DE 69414986 T2 19990422; ES 2125385 T3 19990301; JP 3226680 B2 20011105; JP H0760404 A 19950307

DOCDB simple family (application)

EP 94113530 A 19940830; DE 69414986 T 19940830; ES 94113530 T 19940830; JP 23740393 A 19930830