

Title (en)

Cast internal combustion engine block

Title (de)

Gegossenes Maschinengehäuse einer Hubkolbenmaschine, insbesondere Brennkraftmaschine

Title (fr)

Bloc moulé à moteur à combustion interne

Publication

**EP 0995893 A3 20010110 (DE)**

Application

**EP 99118689 A 19990922**

Priority

DE 19849080 A 19981024

Abstract (en)

[origin: EP0995893A2] The machine housing has a crankshaft cradle (5) in a transverse wall (4) between cylinders, whereby the cradle is connected to a housing boundary (9) via hollow channels (8) in the transverse wall on both sides of a connecting surface for a bearing plate (7). Threaded bores (10) in the cradle accept bearing plate bolts. The outer profile of the housing boundary, which is in one piece with the cradle, causes a waisted cross-sectional shape (13) in the cradle.

IPC 1-7

**F02F 7/00**

IPC 8 full level

**F02F 7/00** (2006.01)

CPC (source: EP)

**F02F 7/0053** (2013.01)

Citation (search report)

- [A] US 4721077 A 19880126 - FUKUO KOICHI [JP], et al
- [DA] DE 1268901 B 19680522 - KLOECKNER HUMBOLDT DEUTZ AG
- [A] DE 2062199 A1 19720713 - KLOECKNER HUMBOLDT DEUTZ AG

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0995893 A2 20000426; EP 0995893 A3 20010110; EP 0995893 B1 20090617;** DE 19849080 A1 20000427; DE 59915038 D1 20090730; ES 2325006 T3 20090821

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