

Title (en)

10 cylinder engine

Title (de)

10-Zylinder-Verbrennungsmotor

Title (fr)

Moteur à dix cylindres

Publication

EP 1387059 B1 20071031 (DE)

Application

EP 03014997 A 20030702

Priority

DE 10235575 A 20020803

Abstract (en)

[origin: EP1387059A1] For each bank of cylinders (1-10) on a crankshaft there is an unequal division of set angles so that second-order mass actions are almost completely evened out for each bank of cylinders. Set angles for two banks of cylinders are equal when projected into a normal plane for a crankshaft. Right-angle settings for the two banks apply on the crankshaft. An independent claim is also included for a crankshaft for a ten-cylinder internal combustion engine that has two V-shaped banks of cylinders each with five cylinders in a row.

IPC 8 full level

F02B 75/22 (2006.01)

CPC (source: EP)

F02B 75/22 (2013.01)

Cited by

CN103696933A; CN109611442A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 1387059 A1 20040204; EP 1387059 B1 20071031; DE 10235575 A1 20040219; DE 50308482 D1 20071213

DOCDB simple family (application)

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