

Title (en)

Crankshaft bearing beam for an internal combustion engine

Title (de)

Kurbelwellenlagerbrücke für eine Brennkraftmaschine

Title (fr)

Poutre à support de palier de vilebrequin pour un moteur à combustion interne

Publication

**EP 1674703 B1 20110420 (DE)**

Application

**EP 05022960 A 20051021**

Priority

DE 102004061672 A 20041222

Abstract (en)

[origin: EP1674703A2] The bridge has outer longitudinal side unit running at a distance from a crankshaft longitudinal axis. Each of the crankshaft bearing crowns (16, 17) are provided with bore halves of bearing bores for crankshaft crank pins. The crowns are supported in a direction of the axis via connecting units extending between the side units. The crowns open into a longitudinal side unit in an area on parting plane by way of widened areas. An independent claim is also included for a reciprocating piston type internal combustion engine including a crankshaft bearing bridge.

IPC 8 full level

**F02F 7/00** (2006.01)

CPC (source: EP US)

**F02F 7/0053** (2013.01 - EP US); **F01M 2011/0033** (2013.01 - EP US); **F02F 2007/0056** (2013.01 - EP US)

Cited by

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DE FR GB IT

DOCDB simple family (publication)

**EP 1674703 A2 20060628**; **EP 1674703 A3 20091216**; **EP 1674703 B1 20110420**; DE 102004061672 A1 20060713;  
DE 502005011271 D1 20110601; JP 2006177349 A 20060706; US 2006130799 A1 20060622

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