

Title (en)
V-type internal combustion engine for motorcycle

Title (de)
Motorradbrennkraftmaschine in V-Bauart

Title (fr)
Moteur à combustion interne à cylindres en V pour un motocycle

Publication
EP 0987415 A3 20001213 (EN)

Application
EP 99117047 A 19990830

Priority
JP 26069698 A 19980914

Abstract (en)
[origin: EP0987415A2] Object: To provide a V-type internal combustion engine, which is capable of mounting lifters for chain tensioners on a rear wall of a rear bank without any interference with a mission case portion, while eliminating the necessity of setting a rearward tilt angle at a particularly small value. Solving Means: A primary transmission unit 54 and a rear timing transmission unit 462 are connected to both ends of a crank shaft 15; and a side wall 95a, on the rear timing transmission unit 462 side, of a mission case portion 95 is offset on the primary transmission unit 54 side from the rear timing transmission unit 462. With this configuration, it is possible to easily mount the lifters 492 for chain tensioners on a rear wall of the rear bank 42 without interference with the mission case portion 95. <IMAGE>

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F02B 75/22; F02B 61/06

IPC 8 full level
B60K 17/06 (2006.01); **B62M 7/02** (2006.01); **F02B 61/02** (2006.01); **F02B 67/00** (2006.01); **F02B 67/06** (2006.01); **F02B 75/22** (2006.01); **F02B 75/02** (2006.01); **F02B 75/18** (2006.01)

CPC (source: EP KR)
F02B 61/02 (2013.01 - EP); **F02B 75/22** (2013.01 - EP KR); **F02B 2075/027** (2013.01 - EP); **F02B 2075/1808** (2013.01 - EP); **F02B 2275/20** (2013.01 - EP)

Citation (search report)
• [X] US 4589382 A 19860520 - TSUBOI MASA HARU [JP]
• [X] PATENT ABSTRACTS OF JAPAN vol. 007, no. 227 (M - 248) 7 October 1983 (1983-10-07)

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EP 99117047 A 19990830; AR P990104575 A 19990913; BR 9904130 A 19990910; CN 99118812 A 19990913; CO 99057891 A 19990913; DE 69917549 T 19990830; JP 26069698 A 19980914; KR 19990039312 A 19990914