

Title (en)

Forced air-cooled type engine for motorcycle

Title (de)

Luftgekühlte Brennkraftmaschine mit Zwangskühlung für Motorrad

Title (fr)

Moteur à combustion interne avec refroidissement forcé pour motocyclette

Publication

**EP 1369560 A3 20040526 (EN)**

Application

**EP 03010278 A 20030507**

Priority

JP 2002162070 A 20020603

Abstract (en)

[origin: EP1369560A2] Object; In a forced air-cooled type engine for motorcycle in which an engine main body comprising as a part of component elements thereof a cylinder head having a cylinder axis set substantially horizontally and a spark plug mounted at least one of left and right side surfaces is vertically swingably supported to a vehicle body frame and the cylinder head is covered with a shroud for forming a communication passage for flow of air for forced air cooling between itself and the cylinder head; to increase the degree of freedom in laying out a high-tension cord and to enable enhancement of flexural durability of the high-tension cord. <??>Means of Solution: An ignition coil(126)disposed on the rear side of the cylinder head is supported by one of a left-right pair of rear frame members (29 and 30) possessed by the vehicle body frame(25), and an other end portion of the high-tension cord(123)having one end connected to the ignition coil(126)is bent back in a roughly U shape from the front side of a plug cap (121) connected to the spark plug to the rear side of the plug cap (121) and is connected to the plug cap (121). <IMAGE>

IPC 1-7

**F02B 61/02**

IPC 8 full level

**F01P 1/02** (2006.01); **F02B 61/02** (2006.01); **F02B 75/16** (2006.01); **F02B 77/00** (2006.01); **F02F 1/06** (2006.01); **F02P 13/00** (2006.01); **F02P 15/00** (2006.01); **F02B 75/02** (2006.01)

CPC (source: EP)

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Citation (search report)

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- [A] EP 0462615 A1 19911227 - SUZUKI CO LTD [JP]
- [A] FR 2792973 A1 20001103 - HONDA MOTOR CO LTD [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 02 5 February 2003 (2003-02-05)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 08 30 June 1998 (1998-06-30)
- [A] PATENT ABSTRACTS OF JAPAN vol. 0182, no. 74 (M - 1611) 25 May 1994 (1994-05-25)

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