

Title (en)
Engine and motorcycle including the same

Title (de)
Einzyylinder-Verbrennungsmotor und damit ausgestattetes Motorrad

Title (fr)
Moteur à combustion interne monocylindre et moto équipée dudit moteur

Publication
EP 2182192 B1 20170412 (EN)

Application
EP 09013525 A 20091027

Priority
JP 2008277266 A 20081028

Abstract (en)
[origin: EP2182192A2] An engine (17) for use in a motorcycle (100) includes a crankcase (460), a crankshaft (31), a main shaft (41), a clutch (44), a push rod (461), a clutch release cylinder (465), a drive shaft (42), a transmission (43), a drive sprocket (426), a protector (466), and a sprocket cover (472). The crankshaft, the main shaft and the drive shaft are provided along the widthwise direction of the motorcycle. The main shaft is provided above the drive shaft. The push rod is inserted into the through hole (41G) of the main shaft. The clutch release cylinder is arranged to release the clutch by pushing the push rod and is provided to overhang the drive sprocket and overlap the drive sprocket. The protector is provided between the crankcase and the clutch release cylinder and around the projection portion (461B) of the push rod projecting from the main shaft. The sprocket cover is provided to cover the drive sprocket and the protector.

IPC 8 full level
F02B 61/02 (2006.01); **B60K 23/02** (2006.01); **F16H 57/02** (2012.01); **F16H 57/023** (2012.01)

CPC (source: EP)
F02B 61/02 (2013.01)

Cited by
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DOCDB simple family (publication)
EP 2182192 A2 20100505; **EP 2182192 A3 20141231**; **EP 2182192 B1 20170412**; ES 2628105 T3 20170801; JP 2010106894 A 20100513; JP 5297763 B2 20130925

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