

Title (en)
ENGINE

Title (de)
MOTOR

Title (fr)
MOTEUR

Publication
EP 3779165 B1 20221221 (EN)

Application
EP 18912666 A 20180330

Priority
JP 2018013837 W 20180330

Abstract (en)
[origin: EP3779165A1] An engine (E) is provided with: a crank case (1a) that has a first crank shaft insertion hole (19d) and a second crank shaft insertion hole (20a) along the vertical direction; a crank shaft (2) that is inserted into the first and second shaft insertion holes (19d, 20a); and a cylinder unit (21) that extends in the front-rear direction from the crank case (1a). The cylinder unit (21) is provided with a cylinder base (21a) that is positioned inside the crank case (1a), and a cylinder block (21b) that is positioned outside the crank case (1a). The cylinder unit (21) is detachably attached to the crank case (1a).

IPC 8 full level
F02F 7/00 (2006.01); **F01L 1/047** (2006.01); **F01L 1/14** (2006.01); **F01L 1/18** (2006.01); **F02F 1/00** (2006.01)

CPC (source: EP)
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JP 2001115814 A 20010424 - YAMAHA MOTOR CO LTD

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