

Title (en)
UNIT SWING ENGINE

Title (de)
EINHEITSSCHWENKMOTOR

Title (fr)
MOTEUR OSCILLANT D'UNITÉ

Publication
EP 4036387 A1 20220803 (EN)

Application
EP 22153249 A 20220125

Priority
JP 2021011836 A 20210128

Abstract (en)
There is provided a unit swing engine swingably supported by a vehicle body frame. The unit swing engine includes: a cylinder tilted forward horizontally or nearly horizontally; a cylinder head connected to a front surface of the cylinder; a crankcase connected to a rear surface of the cylinder; a first ignition plug disposed on a top surface of the cylinder head; and a second ignition plug disposed on a side surface of the cylinder head. The vehicle body frame includes a frame member extending in an upper-lower direction in front of the crankcase. The second ignition plug is disposed inside the frame member and in front of the frame member.

IPC 8 full level
F02B 61/02 (2006.01); **F02P 15/08** (2006.01)

CPC (source: EP)
F02B 61/02 (2013.01); **F02P 15/08** (2013.01)

Citation (applicant)
JP S6036255 B2 19850819

Citation (search report)

- [A] JP 4689474 B2 20110525
- [A] JP 4550018 B2 20100922
- [A] JP 4967043 B2 20120704
- [A] JP 5089421 B2 20121205
- [A] JP 6036255 B2 20161130

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4036387 A1 20220803; **EP 4036387 B1 20240710**; JP 2022115301 A 20220809; JP 7494747 B2 20240604

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EP 22153249 A 20220125; JP 2021011836 A 20210128