

Title (en)
STRADDLED VEHICLE

Title (de)
GRÄTSCHSITZFAHRZEUG

Title (fr)
VÉHICULE À CHEVAL

Publication
EP 3184763 B1 20180523 (EN)

Application
EP 16199052 A 20161116

Priority
JP 2015253273 A 20151225

Abstract (en)
[origin: EP3184763A1] A straddled vehicle is capable of supplying clean lubricant, which has been removed of foreign matter, to a transmission. A straddled vehicle includes an annular plate (47) fixed to a first side wall (31a) of a first crank web (31), with a part of the annular plate (47) being spaced apart from the first side wall (31a). The first side wall (31a) and the annular plate (47) together form a centrifugal filter (50) that is closed on the radially outer side and is open on the radially inner side. The straddled vehicle further includes a first oil path (81) configured to guide lubricant to the centrifugal filter (50), and a second oil path (82) configured to guide lubricant from the centrifugal filter (50) to a gap between a connecting rod (19) and a crankpin (36). A front end of a transmission is located rearward of a rear end of a cylinder (6). The transmission is placed rearward of the centrifugal filter (50). A part of the transmission overlaps with the centrifugal filter (50), as the vehicle is seen from the front.

IPC 8 full level
F01M 1/06 (2006.01); **F01M 11/02** (2006.01)

CPC (source: EP)
F01M 1/06 (2013.01); **F01M 11/02** (2013.01)

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

DOCDB simple family (publication)
EP 3184763 A1 20170628; EP 3184763 B1 20180523; ES 2684674 T3 20181004; JP 2017115751 A 20170629

DOCDB simple family (application)
EP 16199052 A 20161116; ES 16199052 T 20161116; JP 2015253273 A 20151225