

Title (en)
INTERNAL COMBUSTION ENGINE, STRADDLED VEHICLE, AND METHOD FOR MANUFACTURING INTERNAL COMBUSTION ENGINE

Title (de)
VERBRENNUNGSMOTOR, GRÄTSCHSITZFAHRZEUG UND VERFAHREN ZUR HERSTELLUNG EINES VERBRENNUNGSMOTORS

Title (fr)
MOTEUR À COMBUSTION INTERNE, VÉHICULE À ENFOURCHER ET PROCÉDÉ DE FABRICATION D'UN MOTEUR À COMBUSTION INTERNE

Publication
EP 3842629 B1 20220810 (EN)

Application
EP 20202139 A 20201015

Priority
JP 2019233129 A 20191224

Abstract (en)
[origin: EP3842629A1] An internal combustion engine (10) comprises a cylinder body (12) comprising: a first hole (41), into which a bolt is inserted, and a water jacket (12W) formed therein; and a cylinder head that is fastened to the cylinder body (12) by the bolt. As the cylinder body (12) is seen along a cylinder axial line (31c), an outer contour (35) of the water jacket (12W) comprises a first depressed portion (71) that is located radially outward of the first hole (41) and that is depressed in a direction radially outward of a cylinder (31).

IPC 8 full level
F02F 1/10 (2006.01); **B22C 9/06** (2006.01); **B22D 15/02** (2006.01)

CPC (source: EP)
B22C 9/065 (2013.01); **B22C 9/24** (2013.01); **B22D 15/02** (2013.01); **F02F 1/10** (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 3842629 A1 20210630; **EP 3842629 B1 20220810**; JP 2021101109 A 20210708

DOCDB simple family (application)
EP 20202139 A 20201015; JP 2019233129 A 20191224