

Title (en)
INTERNAL COMBUSTION ENGINE AND STRADDLED VEHICLE

Title (de)
VERBRENNUNGSMOTOR UND GRÄTSCHSITZFAHRZEUG

Title (fr)
MOTEUR À COMBUSTION INTERNE ET VÉHICULE À ENFOURCHER

Publication
EP 4357592 A1 20240424 (EN)

Application
EP 23193669 A 20230828

Priority
JP 2022166674 A 20221018

Abstract (en)
There is disclosed an internal combustion engine (1) including a cylinder body (3); a cylinder head (4) connected with the cylinder body; a cylinder head cover (5) connected with the cylinder head; and a valvetrain provided in the cylinder head and the cylinder head cover; the internal combustion engine further including a nozzle (10) provided in the cylinder head cover and located so as to allow oil to be supplied to the valvetrain; the nozzle including a first nozzle portion (11) extending from a base end (10be) of the nozzle toward a tip end (10te) of the nozzle (10), and a second nozzle portion (12) extending from a tip end of the first nozzle portion (11) to the tip end of the nozzle (10) and having a cutout portion (12c), facing the valvetrain, formed as a result of the second nozzle portion (12) being partially cut out in the circumferential direction.

IPC 8 full level
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CPC (source: EP)
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Citation (applicant)
• JP H0481525 A 19920316 - YAMAHA MOTOR CO LTD
• JP 2020105969 A 20200709 - YAMAHA MOTOR CO LTD

Citation (search report)
• [IA] WO 2020189303 A1 20200924 - HONDA MOTOR CO LTD [JP]
• [A] JP S57162911 U 19821014
• [A] EP 2527608 A1 20121128 - YAMAHA MOTOR CO LTD [JP]
• [A] JP 2009215939 A 20090924 - FUJI HEAVY IND LTD

Designated contracting state (EPC)
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