

Title (en)
INTERNAL COMBUSTION ENGINE AND TRANSPORT EQUIPMENT

Title (de)
VERBRENNUNGSMOTOR UND TRANSPORTVORRICHTUNG

Title (fr)
MOTEUR À COMBUSTION INTERNE ET ÉQUIPEMENT DE TRANSPORT

Publication
EP 4224004 A1 20230809 (EN)

Application
EP 21957735 A 20211214

Priority
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Abstract (en)
An internal combustion engine (100) includes a piston (40) formed of an aluminum alloy, the piston including a piston head (43) and a piston skirt (44) extending from an outer circumferential portion of the piston head; and a cylinder block (10) including a cylinder wall (12) including a sliding surface (12a), along which the piston is slidable. The cylinder block is formed of an aluminum alloy containing silicon, and includes a plurality of primary-crystal silicon grains (2) at the sliding surface. The piston skirt includes a resin layer (rl) formed on at least a part of an outer circumferential surface thereof.

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CPC (source: EP)
F02F 3/105 (2013.01)

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KH MA MD TN

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