

Title (en)

FOUR STROKE RELATIVE MOTION CYLINDER WITH DEDICATED COMPRESSION SPACE

Title (de)

VIERTAKTZYLINDER MIT RELATIVER BEWEGUNG MIT DEDIZIERTEM KOMPRESSIONSRAUM

Title (fr)

CYLINDRE À MOUVEMENT RELATIF À QUATRE TEMPS DOTÉ D'UN ESPACE DE COMPRESSION DÉDIÉ

Publication

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Application

EP 20202315 A 20201016

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Abstract (en)

Implementations are disclosed herein that relate to a cylinder occupying structure. An example provides a cylinder system comprising a mechanical cylinder including an internal space in which a fluid is introduced, and a piston configured for reciprocating motion in the internal space, and a cylinder occupying structure including a floating piston, wherein the floating piston is variably advanced into, and retracted from, the internal space of the cylinder in correspondence with the reciprocating motion of the piston and where parts of the occupying structure and the piston may surround the combustion space, and where fluid compression and fluid combustion is conducted within separate spaces.

IPC 8 full level

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Citation (search report)

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