

Title (en)

Reciprocating piston combustion engine, comprising at least one reciprocating piston

Title (de)

Hubkolbenbrennkraftmaschine, umfassend zumindest einen Hubkolben

Title (fr)

Moteur à combustion interne à piston éleveur, comprenant au moins un piston éleveur

Publication

EP 2696054 B1 20151028 (DE)

Application

EP 13003564 A 20130716

Priority

DE 102012015707 A 20120810

Abstract (en)

[origin: EP2696054A1] The engine has a lifting cylinder moved in a cylinder bore provided with a cylinder head (14) of a cylinder housing (13). Two crankshafts cooperate under interposition of two connecting ranges. An exhaust gas turbocharger, an exhaust gas turbocharger unit (57) with an exhaust gas turbine and compressor, a turbine wheel and a compressor wheel extend transversely along a longitudinal direction of a watercraft. The turbocharger unit is directly or indirectly attached to a top end wall (39) of the cylinder head and the cylinder housing.

IPC 8 full level

F02B 61/04 (2006.01); **B63H 20/00** (2006.01); **F01B 1/10** (2006.01); **F02B 75/00** (2006.01); **F02B 75/06** (2006.01); **F02B 1/12** (2006.01)

CPC (source: EP)

F01B 1/10 (2013.01); **F02B 61/045** (2013.01); **F02B 75/007** (2013.01); **F02B 75/065** (2013.01); **B63H 20/24** (2013.01); **F02B 1/12** (2013.01)

Cited by

DE102016004776A1; EP3086073A1; DE102015005047A1; DE102016008299A1; DE102015007393A1; DE102015007393B4; DE102018002633B4; DE102016008299B4; CN112483613A; DE102017012085A1; DE102018002633A1; EP3266525A1; US10060397B2; EP3242038A1; US10273863B2; EP3159526A1; US10054072B2

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