

Title (en)
PISTON MACHINE

Title (de)
KOLBENMASCHINE

Title (fr)
MACHINE À PISTONS

Publication
EP 2603667 B1 20161123 (DE)

Application
EP 11816128 A 20110809

Priority
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• DE 2011075189 W 20110809

Abstract (en)
[origin: DE102010036977B3] The reciprocating engine has a housing (3) with circular cylindrical segment-shaped hollow space, inlet valves (18a-18c) and outlet valves (19a-19c) and pivotal dual piston plates (1,2) that limits the variable working spaces. The dual piston plates are arranged parallel to each other and are driven in a set direction in a synchronous manner. The housing is formed of two or multiple housing parts (3a,3b). The dual piston plates are assigned to each housing part.

IPC 8 full level
F01C 9/00 (2006.01); **F01C 11/00** (2006.01); **F01C 17/02** (2006.01); **F01C 17/04** (2006.01); **F01C 21/00** (2006.01); **F01C 21/10** (2006.01)

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F01B 3/00 (2013.01 - US); **F01C 9/002** (2013.01 - EP US); **F01C 11/002** (2013.01 - EP US); **F01C 17/02** (2013.01 - EP US); **F01C 17/04** (2013.01 - EP US); **F01C 21/008** (2013.01 - EP US); **F01C 21/10** (2013.01 - EP US)

Citation (examination)
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Designated contracting state (EPC)
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