

Title (en)
OSCILLATING PISTON ENGINE

Title (de)
SCHWENKKOLBENMASCHINE

Title (fr)
MACHINE A PISTONS OSCILLANTS

Publication
EP 1910646 A1 20080416 (DE)

Application
EP 06762927 A 20060801

Priority
• EP 2006007603 W 20060801
• DE 102005038447 A 20050803

Abstract (en)
[origin: DE102005038447B3] Machine has two pistons (34,36) rotating around a turning axis (42) within machine housing (12) which while turning also pivot around a pivot axis (44) vertical to the turning axis. The pivot motions of the two pistons run counter to each other. Both pistons have end surfaces (46,48) facing each other which define the front end of a working chamber (58) and which are located totally outside the turning axis and bordered by the working chamber. The working chamber formed by the end surfaces of the pistons and the working chamber wall (54) together with the pistons take the shape of an annular ring section, at least around the ends facing the working chamber.

IPC 8 full level
F01C 9/00 (2006.01)

CPC (source: EP)
F01C 9/005 (2013.01)

Citation (search report)
See references of WO 2007014752A1

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