

Title (en)
INLINE DUAL PISTON ENGINE

Title (de)
INLINE-DOPPELKOLBENMOTOR

Title (fr)
MOTEUR À PISTON DOUBLE EN LIGNE

Publication
EP 2449227 A2 20120509 (DE)

Application
EP 10740133 A 20100614

Priority
• DE 2010000660 W 20100614
• DE 102009031860 A 20090703

Abstract (en)
[origin: WO2011000342A2] The invention relates to a dual piston engine comprising two pistons (1, 3) which can be displaced in relation to each other, characterized in that the outer diameter of the one piston (1) corresponds approximately to the inner diameter of the combustion chamber, wherein the one piston (1) is displaceably arranged in the combustion chamber and comprises on the side facing away from the combustion chamber a receptacle for the other piston (3). The other piston (3) is displaceably arranged in the receptacle of the one piston (1) and is connected to a shaft via a connecting rod (4), the one piston (1) comprising on the front face facing away from the other piston (3) an opening that connects the receptacle to the combustion chamber above the one piston (1) and can be closed by the other piston (3).

IPC 8 full level
F01B 7/20 (2006.01); **F02B 75/30** (2006.01)

CPC (source: EP)
F01B 7/20 (2013.01); **F02B 75/30** (2013.01)

Citation (search report)
See references of WO 2011000342A2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2011000342 A2 20110106; WO 2011000342 A3 20110317; DE 102009031860 A1 20110113; EP 2449227 A2 20120509;
EP 2449227 B1 20130424

DOCDB simple family (application)
DE 2010000660 W 20100614; DE 102009031860 A 20090703; EP 10740133 A 20100614