

Title (en)

TWO-STROKE ENGINE, ESPECIALLY FOR LANDCRAFT, WATERCRAFT, OR AIRCRAFT MODELS

Title (de)

ZWEITAKTMOTOR, INSBESONDERE FÜR MODELLE VON LAND-, WASSER ODER LUFTFAHRZEUGEN

Title (fr)

MOTEUR A DEUX TEMPS, NOTAMMENT POUR DES MODELES REDUITS DE VEHICULES TERRESTRES, MARINS OU AERIENS

Publication

EP 1899592 A1 20080319 (DE)

Application

EP 06741661 A 20060622

Priority

- CH 2006000336 W 20060622
- CH 11282005 A 20050706

Abstract (en)

[origin: WO2007003064A1] Disclosed is a two-stroke engine, especially for landcraft, watercraft, or aircraft models, comprising a piston which can be moved up and down within a bush (10), defines a combustion chamber at the top, and is connected to a crankshaft via a con-rod at the bottom, said crankshaft being rotatably mounted in a crank housing located below the bush (10). In order to reduce friction of the piston in the bush of such a two-stroke engine, the bottom end of the bush (10), which adjoins the crank housing is provided with means (15, 16) that increase the temperature-related radial expansion of the bush (10).

IPC 8 full level

F02B 75/34 (2006.01); **F02F 1/16** (2006.01); **F02F 1/18** (2006.01); **F02F 1/22** (2006.01)

CPC (source: EP US)

F02B 75/34 (2013.01 - EP US); **F02F 1/16** (2013.01 - EP US); **F02F 1/18** (2013.01 - EP US); **F02F 1/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2007003064A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007003064 A1 20070111; EP 1899592 A1 20080319; JP 2009500551 A 20090108; JP 4913135 B2 20120411; US 2009020107 A1 20090122; US 7694658 B2 20100413

DOCDB simple family (application)

CH 2006000336 W 20060622; EP 06741661 A 20060622; JP 2008518588 A 20060622; US 99467106 A 20060622