

Title (en)

OSCILLATING CAM AND DYNAMIC VALVE MECHANISM OF INTERNAL COMBUSTION ENGINE

Title (de)

OSZILLIERENDER NOCKEN UND DYNAMISCHER VENTILMECHANISMUS FÜR VERBRENNUNGSMOTOR

Title (fr)

CAME OSCILLANTE ET MÉCANISME À SOUPAPE DYNAMIQUE DE MOTEUR À COMBUSTION INTERNE

Publication

EP 1783332 B1 20110427 (EN)

Application

EP 04772154 A 20040825

Priority

JP 2004012193 W 20040825

Abstract (en)

[origin: EP1783332A1] A rocking cam includes a cam surface having a base circle portion and a lift portion, and is disposed so as to make reciprocating motion, in which a width of a contact surface of the base circle portion is formed smaller than a width of a contact surface of the lift portion.

IPC 8 full level

F01L 1/08 (2006.01); **F01L 13/00** (2006.01)

CPC (source: EP)

F01L 13/0063 (2013.01); **F01L 1/08** (2013.01); **F01L 1/143** (2013.01); **F01L 1/185** (2013.01); **F01L 3/08** (2013.01); **F01L 2013/0068** (2013.01); **F01L 2305/00** (2020.05)

Cited by

CN103089365A; DE102007033821A1; DE102007033821B4

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1783332 A1 20070509; **EP 1783332 A4 20100602**; **EP 1783332 B1 20110427**; AT E507371 T1 20110515; CA 2541726 A1 20060302; DE 602004032479 D1 20110609; WO 2006021997 A1 20060302

DOCDB simple family (application)

EP 04772154 A 20040825; AT 04772154 T 20040825; CA 2541726 A 20040825; DE 602004032479 T 20040825; JP 2004012193 W 20040825