

Title (en)

PISTON FOR AN INTERNAL COMBUSTION ENGINE, AND INTERNAL COMBUSTION ENGINE HAVING A PISTON

Title (de)

KOLBEN FÜR EINEN VERBRENNUNGSMOTOR UND VERBRENNUNGSMOTOR MIT EINEM KOLBEN

Title (fr)

PISTON POUR MOTEUR À COMBUSTION INTERNE, ET MOTEUR À COMBUSTION INTERNE COMPORTANT UN PISTON

Publication

**EP 2486263 A1 20120815 (DE)**

Application

**EP 10752751 A 20100901**

Priority

- DE 102009045437 A 20091007
- EP 2010062799 W 20100901

Abstract (en)

[origin: WO2011042264A1] A piston for an internal combustion engine has, on the lower edge thereof opposite the piston crown, at least one cutout formed in the radial direction. An internal combustion engine is provided with at least one such piston.

IPC 8 full level

**F01M 1/08** (2006.01); **F01P 3/08** (2006.01); **F02F 3/22** (2006.01)

CPC (source: EP US)

**F02F 3/22** (2013.01 - EP US)

Citation (search report)

See references of WO 2011042264A1

Cited by

US9528337B2

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)

**DE 102009045437 A1 20110414**; EP 2486263 A1 20120815; EP 2486263 B1 20151104; EP 2486263 B2 20190828; ES 2559507 T3 20160212; ES 2559507 T5 20200415; HU E028228 T2 20161228; JP 2013507556 A 20130304; JP 5859967 B2 20160216; PL 2486263 T3 20160429; PL 2486263 T4 20191129; PL 2486263 T5 20191129; US 2012260869 A1 20121018; WO 2011042264 A1 20110414

DOCDB simple family (application)

**DE 102009045437 A 20091007**; EP 10752751 A 20100901; EP 2010062799 W 20100901; ES 10752751 T 20100901; HU E10752751 A 20100901; JP 2012532517 A 20100901; PL 10752751 T 20100901; US 201013499973 A 20100901