

Title (en)
PISTON FOR AN INTERNAL COMBUSTION ENGINE

Title (de)
KOLBEN FÜR EINE BRENNKRAFTMASCHINE

Title (fr)
PISTON POUR UN MOTEUR À COMBUSTION INTERNE

Publication
EP 2414660 A1 20120208 (DE)

Application
EP 10705869 A 20100225

Priority
• EP 2010052371 W 20100225
• DE 102009002165 A 20090403

Abstract (en)
[origin: WO2010112276A1] The invention relates to a piston (10) for an internal combustion engine, particularly of a motor vehicle, having a piston crown (11). According to the invention, a target element (15) for laser radiation (20a) of a laser-based ignition system of the internal combustion engine is arranged in the area of the piston crown (11).

IPC 8 full level
F02F 3/26 (2006.01); **F02B 19/10** (2006.01); **F02B 23/06** (2006.01); **F02F 3/28** (2006.01); **F02P 23/04** (2006.01)

CPC (source: EP)
F02B 23/08 (2013.01); **F02F 3/26** (2013.01); **F02F 3/28** (2013.01); **F02F 3/285** (2013.01); **F02P 23/04** (2013.01); **Y02T 10/12** (2013.01)

Citation (search report)
See references of WO 2010112276A1

Cited by
US10584639B2; US11421601B2; US11965466B2

Designated contracting state (EPC)
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 2010112276 A1 20101007; DE 102009002165 A1 20101014; EP 2414660 A1 20120208

DOCDB simple family (application)
EP 2010052371 W 20100225; DE 102009002165 A 20090403; EP 10705869 A 20100225