

Title (en)

Piston pump, in particular high pressure fuel pump

Title (de)

Kolbenpumpe, insbesondere Hochdruck-Kraftstoffpumpe

Title (fr)

pompe à pistons, en particulier pompe d'essence à haute pression

Publication

EP 1479903 B1 20110525 (DE)

Application

EP 04007021 A 20040324

Priority

DE 10322602 A 20030520

Abstract (en)

[origin: EP1479903A1] The piston pump (18) has a housing (34) and at least one component (20,22,30) mounted on the side of the housing. The housing has a polygonal cross-section with lateral surfaces (40a,...) at least in sections and at least one of the components is arranged near a straight lateral surface. The lateral surfaces are at least approximately of the same size.

IPC 8 full level

F02M 59/02 (2006.01); **F02M 59/44** (2006.01); **F02M 59/48** (2006.01); **F04B 53/16** (2006.01); **F04B 53/22** (2006.01)

CPC (source: EP)

F02M 59/02 (2013.01); **F02M 59/44** (2013.01); **F02M 59/445** (2013.01); **F02M 59/48** (2013.01); **F04B 53/16** (2013.01); **F04B 53/22** (2013.01); **F02M 2200/24** (2013.01)

Cited by

CN107923357A; EP3343015A4; US10584668B2; DE112018004297T5; DE112018005024T5; DE112018004299T5; US11459991B2

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

EP 1479903 A1 20041124; **EP 1479903 B1 20110525**; DE 10322602 A1 20041209; EP 2312148 A1 20110420; EP 2312148 B1 20131016; EP 2312149 A1 20110420; EP 2312149 B1 20130522

DOCDB simple family (application)

EP 04007021 A 20040324; DE 10322602 A 20030520; EP 11153643 A 20040324; EP 11153765 A 20040324