

Title (en)
Piston and pressure pump

Title (de)
Kolben und Druckpumpe

Title (fr)
Piston et pompe à pression

Publication
EP 2466136 A1 20120620 (EN)

Application
EP 10195056 A 20101215

Priority
EP 10195056 A 20101215

Abstract (en)
A piston (100) suitable for a pressure pump (10) comprising a cylinder housing (12) with a cylinder chamber (14) and a guiding section (16) comprises a piston body (120) with a cavity. The piston (100) includes a central longitudinal axis (L).

IPC 8 full level
F04B 1/12 (2006.01)

CPC (source: EP)
F04B 1/124 (2013.01)

Citation (search report)
• [X1] DE 19859199 A1 20000713 - BRUENINGHAUS HYDROMATIK GMBH [DE]
• [X1] DE 19734217 A1 19980212 - CATERPILLAR INC [US]
• [X1] DE 19934217 A1 20010201 - BRUENINGHAUS HYDROMATIK GMBH [DE]
• [X1] WO 2005028928 A2 20050331 - BRUENINGHAUS HYDROMATIK GMBH [DE], et al
• [X1] US 5469776 A 19951128 - MARTENSEN LARS [DK], et al

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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