

Title (en)
PISTON PUMP COMPRISING AN IMPROVED PISTON

Title (de)
KOLBENPUMPE MIT VERBESSERTEM KOLBEN

Title (fr)
POMPE A PISTON AYANT UN PISTON AMELIORE

Publication
EP 1926910 A1 20080604 (DE)

Application
EP 06793017 A 20060825

Priority
• EP 2006065686 W 20060825
• DE 102005042197 A 20050906

Abstract (en)
[origin: WO2007028728A1] The invention relates to a piston pump for conveying a fluid, comprising a cylinder (8), a piston (2) that is movably disposed in the cylinder (8), a restoring element (14) for preloading the piston (2), and a drive unit for moving the piston (2) in the cylinder (8). The piston (2) is composed of two parts, i.e. a first piston part (3) and a second piston part (4).

IPC 8 full level
F04B 1/04 (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP US)
B60T 8/4031 (2013.01 - EP US); **F04B 1/0408** (2013.01 - EP US); **F04B 53/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2007028728A1

Designated contracting state (EPC)
DE FR IT

DOCDB simple family (publication)
DE 102005042197 A1 20070308; CN 101258325 A 20080903; CN 101258325 B 20110323; EP 1926910 A1 20080604; US 2008226479 A1 20080918; US 8382459 B2 20130226; WO 2007028728 A1 20070315

DOCDB simple family (application)
DE 102005042197 A 20050906; CN 200680032467 A 20060825; EP 06793017 A 20060825; EP 2006065686 W 20060825; US 6595106 A 20060825