

Title (en)
Valve to shift a camshaft

Title (de)
Ventil zum Verschwenken einer Nockenwelle

Title (fr)
Vanne pour déphaser un arbre à cames

Publication
EP 2136041 B1 20110608 (DE)

Application
EP 09005039 A 20090406

Priority
DE 102008028846 A 20080619

Abstract (en)
[origin: EP2136041A2] The valve has a piston which is arranged longitudinally within a bore, from whose inner wall (79) a pressure medium connection (P) and two working connections (A,B) come out. The piston has a pressure chamber-inlet channel (32) and a pressure chamber-outlet channel arranged separately from the inlet channel. The piston has a center slit, whose wall is connected to the pipe wall (80), such that the wall of the slit separates the pressure chamber-outlet channel from the pressure chamber-inlet channel.

IPC 8 full level
F01L 1/344 (2006.01)

CPC (source: EP)
F01L 1/344 (2013.01); **F01L 1/3442** (2013.01); **F01L 2001/0475** (2013.01); **F01L 2001/34426** (2013.01); **F01L 2001/34433** (2013.01)

Cited by
DE102010060181A1; EP2386731A1; CN103189605A; DE102010060180A1; DE102010060180B4; US9729024B2; WO2012055597A1

Designated contracting state (EPC)
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