

Title (en)  
Slurry pump

Title (de)  
Dickstoffpumpe

Title (fr)  
Pompe pour matière épaisse

Publication  
**EP 2381105 A1 20111026 (EN)**

Application  
**EP 11161496 A 20110407**

Priority  
NL 2004596 A 20100422

Abstract (en)  
Slurry pump, comprising a frame, a slurry stock container, a first pump cylinder and a second pump cylinder on the frame, a first hydraulic drive cylinder and a second hydraulic drive cylinder that are both provided with a piston and a piston rod that is connected to a slurry displacer in the first pump cylinder and second pump cylinder, respectively, for moving the slurry displacer through the pump cylinder, a slurry outlet, a first inlet piece and a second inlet piece that are situated in a flow-through connection between the slurry supply container on the one hand and the first pump cylinder and the second pump cylinder, respectively, on the other hand, a first outlet piece and a second outlet piece that are situated in a flow-through connection between the first pump cylinder and second pump cylinder, respectively, on the one hand and the slurry outlet on the other hand, a rotor valve for controlling the pump wherein the rotor valve is provided with a core that is rotatable about its axis for obtaining a repetitive pump cycle controlled by the rotation of the core.

IPC 8 full level  
**F04B 15/02** (2006.01); **F04B 7/02** (2006.01); **F04B 9/117** (2006.01)

CPC (source: EP)  
**F04B 7/0266** (2013.01); **F04B 9/1174** (2013.01); **F04B 9/1178** (2013.01); **F04B 15/023** (2013.01)

Citation (search report)  
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• [A] US 5520521 A 19960528 - BENCKERT HARTMUT [DE], et al  
• [A] WO 2009041811 A1 20090402 - STARING BEHEER B V M [NL], et al  
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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

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