

Title (en)  
PISTON DOSING PUMP WITHOUT ELECTRICITY

Title (de)  
KOLBENDOSIERPUMPE OHNE ELEKTRIZITÄT

Title (fr)  
POMPE DE DOSAGE À PISTON SANS ÉLECTRICITÉ

Publication  
**EP 3250103 A1 20171206 (EN)**

Application  
**EP 17711375 A 20170104**

Priority  
• TR 201600525 A 20160113  
• TR 2017000012 W 20170104

Abstract (en)  
[origin: WO2017123173A1] The invention is about a piston dosing pump without electricity which can be used in various areas in industry to transfer a liquid from a reservoir, tank or drum to another place for multi purpose without electricity and consists of; Dosing adjust screw (1), Spring holder carcass(2), Spring (3), Piston rod holder (4), Piston rod (5), Piston rod centering lid (6), Leak proof piston rod o-ring (7), Piston (8), Suction check valve (9), Injection check valve (10), Water connection (11), Check valve transferring directions (12), Piston rod moving directions (13), Over pressure discharge valve (14), First liquid chemical piston-A (15), Second liquid chemical piston-B (16), and Water piston-C (17) (Figure- 1).

IPC 8 full level  
**A47L 15/44** (2006.01); **C02F 1/68** (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)  
**A47L 15/4418** (2013.01 - EP US); **A47L 15/4463** (2013.01 - EP); **D06F 39/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017123173A1

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

DOCDB simple family (publication)  
**WO 2017123173 A1 20170720**; EP 3250103 A1 20171206; TR 201600525 A2 20160621

DOCDB simple family (application)  
**TR 2017000012 W 20170104**; EP 17711375 A 20170104; TR 201600525 A 20160113