

Title (en)  
**METERING PUMP**

Title (de)  
**DOSIERPUMPE**

Title (fr)  
**POMPE DE DOSAGE**

Publication  
**EP 2976528 B1 20190508 (DE)**

Application  
**EP 14709886 A 20140311**

Priority  
• DE 102013004668 A 20130319  
• EP 2014000635 W 20140311

Abstract (en)  
[origin: WO2014146761A1] The invention relates to a metering pump (1), in particular for liquid detergent in a washing machine, a dishwasher or similar, said pump comprising a pump designed as a piston pump with a reciprocating piston (7), and comprising an electric motor (6) that has an output shaft (8). An eccentric (9) which interacts with the reciprocating piston (7) is arranged on the output shaft (8) in such a way that the rotational motion of the electric motor (6) is converted into a translatory reciprocating motion of the reciprocating piston (7).

IPC 8 full level  
**F04B 15/02** (2006.01); **F04B 17/03** (2006.01)

CPC (source: EP)  
**F04B 15/02** (2013.01); **F04B 17/03** (2013.01)

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

DOCDB simple family (publication)  
**DE 102014002955 A1 20140925**; CN 105247209 A 20160113; CN 105247209 B 20190308; EP 2976528 A1 20160127;  
EP 2976528 B1 20190508; PL 2976528 T3 20191031; WO 2014146761 A1 20140925

DOCDB simple family (application)  
**DE 102014002955 A 20140306**; CN 201480016319 A 20140311; EP 14709886 A 20140311; EP 2014000635 W 20140311;  
PL 14709886 T 20140311