

Title (en)  
METERING PUMP SYSTEM

Title (de)  
DOSIERPUMPENSYSYSTEM

Title (fr)  
SYSTÈME DE POMPE DE MESURE

Publication  
**EP 3933194 B1 20240110 (EN)**

Application  
**EP 20183133 A 20200630**

Priority  
EP 20183133 A 20200630

Abstract (en)  
[origin: EP3933194A1] The invention refers to a metering pump system comprising at least one metering pump (2) provided for connection to at least one exchangeable liquid container 16 via a suction line 10, and a control device 18, 24 for control of the at least one metering pump (2) wherein the control device 18, 24 is configured such that it records the total volume pumped by the metering pump (2), compares the recorded total volume with a nominal volume of said liquid container 16 and starts an action if the recorded total volume exceeds the nominal volume by more than a predefined threshold, and a method for controlling such metering pump system.

IPC 8 full level  
**F04B 13/00** (2006.01); **F04B 23/02** (2006.01); **F04B 49/06** (2006.01); **F04B 49/10** (2006.01)

CPC (source: CN EP)  
**F04B 13/00** (2013.01 - CN EP); **F04B 23/025** (2013.01 - EP); **F04B 49/06** (2013.01 - CN); **F04B 49/065** (2013.01 - EP); **F04B 49/10** (2013.01 - CN); **F04B 49/106** (2013.01 - EP); **F04B 2205/09** (2013.01 - EP); **F04B 2207/70** (2013.01 - EP); **F04B 2207/703** (2013.01 - EP)

Cited by  
EP4390338A1

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)  
**EP 3933194 A1 20220105**; **EP 3933194 B1 20240110**; **EP 3933194 C0 20240110**; CN 113864145 A 20211231; CN 113864145 B 20240308; EP 4317689 A2 20240207; EP 4317689 A3 20240410

DOCDB simple family (application)  
**EP 20183133 A 20200630**; CN 202110734425 A 20210630; EP 23217933 A 20200630