

Title (en)  
MICROMETERING SYSTEM

Title (de)  
MIKRODOSIERSYSTEM

Title (fr)  
SYSTÈME DE MICRODOSAGE

Publication  
**EP 2191135 A1 20100602 (DE)**

Application  
**EP 08804174 A 20080912**

Priority  
• EP 2008062213 W 20080912  
• DE 102007043318 A 20070912

Abstract (en)  
[origin: WO2009034187A1] The invention relates to a metering system 22 having at least one bidirectionally operating micropump 1 or an arrangement having at least one micropump 1 allowing a bidirectional pump operation, used for filling and emptying microtiter plates. Each micropump 1 is advantageously associated with a calibration unit.

IPC 8 full level  
**F04B 43/04** (2006.01); **F04B 17/00** (2006.01); **F04B 19/00** (2006.01); **F04B 49/06** (2006.01)

CPC (source: EP US)  
**F04B 17/003** (2013.01 - EP); **F04B 19/006** (2013.01 - EP); **F04B 43/046** (2013.01 - EP US); **F04B 49/065** (2013.01 - EP)

Citation (search report)  
See references of WO 2009034187A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 102008042071 A1 20090319**; EP 2191135 A1 20100602; WO 2009034187 A1 20090319

DOCDB simple family (application)  
**DE 102008042071 A 20080912**; EP 08804174 A 20080912; EP 2008062213 W 20080912