

Title (en)
METERED QUANTITY TRANSFER DEVICE

Title (de)
ÜBERTRAGUNGSVORRICHTUNG EINER DOSIERTEN MENGE

Title (fr)
DISPOSITIF DE TRANSFERT D'UNE QUANTITE MESUREE

Publication
EP 1574713 A4 20101117 (EN)

Application
EP 03774181 A 20031121

Priority
• JP 0314970 W 20031121
• JP 2002345066 A 20021128

Abstract (en)
[origin: EP1574713A1] It is an object of the present invention to provide a metering delivery device that is capable of keeping the fluid discharge rate at a predetermined level for a long time by using a metering pump without the necessity of adjustment or the like. In order to achieve this object, there is provided a metering delivery device 10 with a metering pump 11 disposed in a delivery passage 31 for fluid delivery, which is characterized in that it includes a discharge rate checker 12 disposed in the delivery passage 31 downstream of the metering pump 11, and a constant pressure valve 13 disposed in the delivery passage 31 downstream of the discharge rate checker 12, in which the driving condition of the metering pump 11 is controlled based on a detection signal of the discharge rate checker 12. <IMAGE>

IPC 1-7
F04B 49/06; **F04B 13/00**

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

CPC (source: EP US)
F04B 13/00 (2013.01 - EP US); **F04B 49/06** (2013.01 - EP US)

Citation (search report)
• [XY] JP H11114565 A 19990427 - HOSHIZAKI ELECTRIC CO LTD
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• See references of WO 2004048780A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1574713 A1 20050914; **EP 1574713 A4 20101117**; **EP 1574713 B1 20150225**; AU 2003284657 A1 20040618; US 2005287009 A1 20051229; WO 2004048780 A1 20040610

DOCDB simple family (application)
EP 03774181 A 20031121; AU 2003284657 A 20031121; JP 0314970 W 20031121; US 53637205 A 20050525