

Title (en)

Electronic porportioner using continuous metering and correction

Title (de)

ELEKTRONISCHE PROPORTIONIERPUMPE MIT UNUNTERBROCHENER MESSUNG UND KORREKTUR

Title (fr)

DOSEUR ÉLECTRONIQUE EN UTILISANT DOSAGE ET CORRECTION CONTINUES

Publication

**EP 1762138 B1 20100217 (EN)**

Application

**EP 06076914 A 20021127**

Priority

- EP 02786807 A 20021127
- US 33369701 P 20011127

Abstract (en)

[origin: EP1762138A1] A method for compensating for changeover in a reciprocating pump having a check valve, a displacement transducer and a valve at the outlet of the pump, includes the steps of: closing the fluid valve as the pump reaches changeover, to allow the pump to compress any gases and positively close the check valve; and, when the pump stalls, opening the fluid valve. Any travel and imputed flow during the portion of the cycle when the valve is closed is disregarded.

IPC 8 full level

**A01G 25/00** (2006.01); **F04B 41/02** (2006.01); **B01F 23/10** (2022.01); **B05B 12/00** (2006.01); **G05D 11/00** (2006.01); **G05D 11/13** (2006.01)

CPC (source: EP)

**B01F 35/2112** (2022.01); **B01F 35/8821** (2022.01); **B01F 35/8822** (2022.01); **F04B 11/00** (2013.01); **F04B 49/03** (2013.01); **F04B 49/22** (2013.01)

Cited by

AU2010229111B2; CN110839385A; US7740152B2; WO2010111027A2; WO2010111027A3; US11429120B2; US11906988B2; US11661329B2; US11975960B2

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