

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

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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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