

Title (en)  
Treatment fluid injection apparatus and method

Title (de)  
VORRICHTUNG UND VERFAHREN ZUM EINSPRITZEN VON BEHANDLUNGSFLÜSSIGKEITEN

Title (fr)  
APPAREIL ET PROCEDE D'INJECTION DE FLUIDE DE TRAITEMENT

Publication  
**EP 1223303 A1 20020717 (EN)**

Application  
**EP 01300538 A 20010122**

Priority  
US 48919000 A 20000120

Abstract (en)  
A fluid injection apparatus (10) and method provides a controlled volume displacement for use of the apparatus in a subterranean well. Pressure is applied within a conduit carrying the apparatus into the well for activating a piston (13) and contracting a chamber (20) containing a treatment fluid for ejection of the treatment fluid into the well. A plurality of chambers may be isolated by the piston means relative to the conduit passageway for selective, incremental, ejection of the fluid and treatment of one or more zones or sections within the well. <IMAGE>

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**E21B 27/02**; **E21B 43/25**; **E21B 21/12**

IPC 8 full level  
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CPC (source: EP)  
**E21B 21/12** (2013.01); **E21B 27/02** (2013.01); **E21B 43/25** (2013.01)

Citation (search report)  
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