

Title (en)  
FLUID OPERATED PUMP FOR USE IN A WELLBORE

Title (de)  
FLÜSSIGKEIT ANGETRIEBENE PUMPE ZUR VERWENDUNG IM BOHRLOCH

Title (fr)  
POMPE À FLUIDE DESTINÉE A UN Puits DE FORAGE

Publication  
**EP 1666697 B1 20080702 (EN)**

Application  
**EP 06110792 A 20011011**

Priority  
• EP 01974496 A 20011011  
• US 23940300 P 20001011

Abstract (en)  
[origin: EP1666697A1] A fluid operated pump for use in a wellbore utilizes a removable valve assembly 300 within a longitudinal bore 225 in a housing 200 of the pump. A first fluid path 250 in the housing 200 opening into the bore 225 is provided for supply of pressurized fluid from the bore to an area of the pump below the housing, and a second fluid path 235 in the housing 200 opening into the bore 225 is provided for an exhaust fluid from an area below the housing to the exterior of the housing. In use the valve assembly is lowered to a location in the wellbore proximate the bore 225 in the housing 200, and, after being aligned with and axially inserted into the bore 225 such that ports in an outer valve surface communicate with the first and second fluid paths 250, is sealingly retained in the bore 225 during pumping of fluid by the pump. The valve assembly 300 is then operated within the bore 225 by motive hydraulic fluid supplied to the bore 225 by hydraulic fluid control conduits 345, 350.

IPC 8 full level  
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