

Title (en)  
Pump for cistern

Title (de)  
Zisternenpumpe

Title (fr)  
Pompe de citerne

Publication  
**EP 0864759 A2 19980916 (DE)**

Application  
**EP 98101524 A 19980129**

Priority  
DE 29704784 U 19970315

Abstract (en)  
The pressure pump (1) has a lateral suction connection (2) equipped with an horizontally directed fitment piece (5) with defined connecting apertures. This fitment piece consists of a nipple with a metric thread. The cistern pump (3) is completely encapsulated and the electric motor (4) has a vertically arranged shaft, which is mechanically connected with the pressure pump part. The pressure pump is a multi-stage centrifugal pump, whose shaft is aligned with that of the electric motor. The pressure side of the pump is connected with a double-walled tube, which is positioned as cooling cover around the electric motor. The suction connection is connected with an extension piece for a suction filter. The pump with its under side is anchored to a stand plate (9), which has vibration dampers (10,11).

Abstract (de)  
Bekannte Zisternenpumpen mit Motorantrieb bestehen aus einem Elektromotor und einer unterhalb des Motors angeordneten Druckpumpe. Für eine Absaugung ohne Störung der Schichtenbildung wird vorgeschlagen, daß die Druckpumpe 1 seitlich einen Sauganschluß 2 aufweist, der mit einem im wesentlichen horizontal ausgerichteten Paßstück 5 mit definierten Anschlußöffnungen ausgestattet ist. <IMAGE>

IPC 1-7  
**F04D 29/40**; **F04D 13/08**

IPC 8 full level  
**F04D 13/08** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP)  
**F04D 13/086** (2013.01); **F04D 29/708** (2013.01)

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