

Title (en)  
Pump and feeding device

Title (de)  
Pumpe und Fördereinrichtung

Title (fr)  
Pompe et installation d'alimentation

Publication  
**EP 1701035 B1 20080521 (FR)**

Application  
**EP 06290346 A 20060301**

Priority  
FR 0502047 A 20050301

Abstract (en)  
[origin: EP1701035A1] The pump has a piston defining chambers (82, 89) with a cylinder. The chambers have volumes varying, in phase opposition, progressively with the piston rotation, so that one chamber is alternatively in positions of aspiration and repression of liquid via an inlet and an outlet respectively, and the other is alternatively in positions of aspiration and repression of gas, liquid or mixture of both via an inlet and an outlet respectively. An independent claim is also included for an installation supplying a liquid consuming device e.g. burner, with a fuel oil, susceptible of containing a gas, from a tank containing fuel oil, including a pump.

IPC 8 full level  
**F04B 7/06** (2006.01); **F23K 5/04** (2006.01)

CPC (source: EP)  
**F04B 7/06** (2013.01); **F23K 5/142** (2013.01)

Cited by  
EP2096355A1; WO2009106570A3

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 06290346 A 20060301**; AT 06290346 T 20060301; CY 081100826 T 20080806; DE 602006001219 T 20060301; DK 06290346 T 20060301; ES 06290346 T 20060301; FR 0502047 A 20050301; PL 06290346 T 20060301