

Title (en)  
Fuel pump assembly

Title (de)  
Treibstoffpumpenanordnung

Title (fr)  
Assemblage de pompe à essence

Publication  
**EP 1413749 A2 20040428 (EN)**

Application  
**EP 03256728 A 20031024**

Priority  
GB 0224936 A 20021025

Abstract (en)  
The assembly includes a pump housing which supports pump heads (13a-13c). Each pump head has a separate insert (30a) installed to the pump housing, to define a rectangular or square cross-section guide path that guides the movement of a reciprocating shoe (24). Each pump head also has a plunger (14) that reciprocates within a plunger bore (16), to pressurize the fuel within the pump chamber of pump head housings.

IPC 1-7  
**F04B 1/04**

IPC 8 full level  
**F04B 1/04** (2006.01); **F04B 1/053** (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP)  
**F04B 1/0413** (2013.01); **F04B 1/0421** (2013.01); **F04B 1/0439** (2013.01); **F04B 1/053** (2013.01); **F04B 53/007** (2013.01)

Cited by  
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