

Title (en)  
SEAT-LOWER GUIDE COMBINATION

Title (de)  
UNTERE FÜHRUNGSKOMBINATION FÜR SITZ

Title (fr)  
COMBINAISON DE GUIDES D'ABAISSEMENT DE SIEGE

Publication  
**EP 1856404 A1 20071121 (EN)**

Application  
**EP 05724908 A 20050308**

Priority  
• US 2005007470 W 20050308  
• US 7245905 A 20050307

Abstract (en)  
[origin: WO2006096174A1] A fuel injector for an internal combustion engine, including a housing, a homogeneous member defining a continuous wall having a seat portion and a guide portion, a closure member, and a metering disk. The housing includes an inlet and an outlet disposed along a longitudinal axis. The homogeneous member is disposed proximate the outlet. The seat portion includes a sealing surface and a seat orifice. The closure member is disposed in the housing and positioned by the guide portion for reciprocal motion along the longitudinal axis between a first position such that the closure member is displaced from the seat, allowing fuel flow past the closure member, and a second position such that the closure member is contiguous the seat, precluding fuel flow past the closure member. The metering disk is proximate the seat orifice.

IPC 8 full level  
**F02M 61/18** (2006.01)

CPC (source: EP)  
**F02M 61/12** (2013.01); **F02M 61/168** (2013.01); **F02M 61/18** (2013.01); **F02M 61/1826** (2013.01); **F02M 61/1853** (2013.01); **F02M 61/188** (2013.01); **F02M 61/1886** (2013.01); **F02M 61/165** (2013.01); **F02M 2200/8084** (2013.01)

Citation (search report)  
See references of WO 2006096174A1

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DE FR IT

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**US 2005007470 W 20050308**; DE 602005010911 T 20050308; EP 05724908 A 20050308; JP 2008500684 A 20050308