

Title (en)  
INJECTION PUMP

Title (de)  
EINSPRITZPUMPE

Title (fr)  
POMPE D'INJECTION

Publication  
**EP 2635796 A2 20130911 (EN)**

Application  
**EP 11770842 A 20110922**

Priority  
• FI 20106161 A 20101105  
• FI 2011050815 W 20110922

Abstract (en)  
[origin: WO2012059623A2] An injection pump (1) for an internal combustion engine, comprising a pump body (2), a first fluid chamber (15) and a second fluid chamber (16) inside the pump body (2) in mutual fluid communication, a first reciprocating plunger (3) protruding into the first fluid chamber (15), a second plunger (4) at least partly inside the second fluid chamber (16), a first fluid port (11) in fluid communication with the first fluid chamber (15) and a second fluid port (12) in fluid communication with the second fluid chamber (16). A fluid supply channel (10) is in fluid communication with the first fluid chamber (15) and/or the second fluid chamber (16) via the first fluid port (11) and/or the second fluid port (12), and a fluid outlet (14) is in fluid communication with the first fluid chamber (15) and/or the second fluid chamber (16). The first plunger (3) and the second plunger (4) have different diameters.

IPC 8 full level  
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CPC (source: EP FI KR)  
**F02M 59/04** (2013.01 - EP KR); **F02M 59/10** (2013.01 - KR); **F02M 59/102** (2013.01 - EP); **F02M 59/26** (2013.01 - FI KR); **F02M 59/265** (2013.01 - EP); **F02M 59/28** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2012059623A2

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