

Title (en)  
HIGH PRESSURE PUMP AND SYSTEM

Title (de)  
HOCHDRUCKPUMPE UND SYSTEM

Title (fr)  
POMPE ET SYSTÈME HAUTE PRESSION

Publication  
**EP 2769079 A1 20140827 (EN)**

Application  
**EP 12813805 A 20121218**

Priority  
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Abstract (en)  
[origin: WO2013098116A1] A high pressure pump for the delivery of a fluid, comprises: - a pump body (101), - a piston (102), the piston being axially movable within the pump body (101) and comprising a first part (103) arranged within the pump body (101) and a second part (104) arranged outside the pump body (101), - comprising a coupling sleeve (118) for coupling the pump with a combustion engine such that the coupling sleeve (118) extends into the combustion engine, the coupling sleeve (118) surrounding a tappet chamber (121), - the coupling sleeve (118) being coupled with the pump body (101) such that the second part (104) of the piston (102) is arranged in the tappet chamber (121), and wherein - the pump body (101) is provided with as many fluid outputs (105, 106, 107) as the combustion engine comprises cylinders, and - the pump is designed for coupling each fluid output (105, 106, 107) directly with injector for the respective cylinder of the combustion engine via a pipe (108, 109, 110).

IPC 8 full level  
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See references of WO 2013098116A1

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