

Title (en)  
FUEL INJECTOR

Title (de)  
KRAFTSTOFFINJEKTOR

Title (fr)  
INJECTEUR DE CARBURANT

Publication  
**EP 3583310 A1 20191225 (DE)**

Application  
**EP 18700107 A 20180108**

Priority  
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Abstract (en)  
[origin: WO2018149555A1] The invention relates to a fuel injector (1) for injecting fuel into the combustion chamber of an internal combustion engine, said fuel injector (1) comprising a nozzle body (5). A pressure chamber (8) is formed in the nozzle body (5), which is supplied with pressurized fuel via a feed bore (13). A longitudinally movable nozzle needle (7), which opens or closes at least one injection opening (9), is arranged in the pressure chamber (8). A cooling group (100) is arranged so as to at least partially surround the nozzle body (5). The cooling group (100) comprises a cooling ring (101) which delimits a plurality, preferably more than 20, flow channels (200) that can be flown through for cooling the nozzle body (5).

IPC 8 full level  
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CPC (source: EP KR)  
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Citation (search report)  
See references of WO 2018149555A1

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