

Title (en)  
INJECTION NOZZLE

Title (de)  
EINSPRITZDÜSE

Title (fr)  
BUSE D'INJECTION

Publication  
**EP 3332112 B1 20200108 (EN)**

Application  
**EP 16744779 A 20160728**

Priority  
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• EP 2016068104 W 20160728

Abstract (en)  
[origin: WO2017021288A1] An injection nozzle (21) for an internal combustion engine, the nozzle (21) comprising an elongate hollow body (23) and a needle (22) arranged to reciprocate within the hollow body (23) to permit fuel to be dispensed from at least one aperture (28) at a distal end (27) of the body (23), the distal end of the body (23) defining a profiled seat (25) against which the needle (22) is 10 arranged to bear to seal the nozzle (21), characterised in that the injection nozzle (21) further comprises: an electrically insulating guide assembly including a guide (31) which abuts the seat (25) throughout reciprocating movement of the needle (22) so as to centre the distal end (24) of the needle (22) within the body (23) as needle movement is guided, the electrically insulating guide assembly being arranged to insulate the needle (22) electrically from the body (23) when the needle (22) is disengaged from the seat (25).

IPC 8 full level  
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