

Title (en)

BLIND HOLE AND SEAT HOLE INJECTION NOZZLE FOR AN INTERNAL COMBUSTION ENGINE, COMPRISING A TRANSITION CONE BETWEEN THE BLIND HOLE AND THE NOZZLE NEEDLE SEAT

Title (de)

SACKLOCH- UND SITZLOCH-EINSPRITZDÜSE FÜR EINE BRENNKRAFTMASCHINE MIT EINEM ÜBERGANGSKEGEL ZWISCHEN SACKLOCH UND DÜSENNADELSITZ

Title (fr)

BUSE D'INJECTION A TROU BORGNE ET A SIEGE PERFORE DESTINEE A UN MOTEUR A COMBUSTION INTERNE ET PRESENTANT UN CONE DE TRANSITION ENTRE LE TROU BORGNE ET LE SIEGE D'AIGUILLE DE BUSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004076850A1] The invention relates to an injection nozzle (1) comprising a blind hole (2), a transition cone (8) being provided between the blind hole (2) and the nozzle needle seat (4). In this way, the tolerance of the flow resistance of the injection nozzle (1) is reduced in the partial stroke of the nozzle needle (5), thus enabling a more precise measurement of the injected fuel quantity.

IPC 8 full level

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CPC (source: EP)

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Cited by

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