

Title (en)
WATER INJECTION DEVICE OF AN INTERNAL COMBUSTION ENGINE

Title (de)
WASSEREINSPRITZVORRICHTUNG EINER BRENNKRAFTMASCHINE

Title (fr)
DISPOSITIF D'INJECTION D'EAU D'UN MOTEUR À COMBUSTION INTERNE

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Application
EP 18729077 A 20180530

Priority
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Abstract (en)
[origin: WO2018233992A1] The invention relates to a water injection device for an internal combustion engine (2), comprising a water tank (5) for storing water, at least one water injector (6) for injecting the water into the internal combustion engine (2), at least one conveying element (3) for conveying water from the water tank (5) into the water injector (6). According to the invention, the water injection device (1) also comprises a shut-off element (11) which is arranged between the water tank (5) and the conveying element (3) and which is designed to maintain a system pressure at a level between the shut-off element (11) and the water injector (6) in order to prevent the water evaporating between the water tank (5) and the conveying element (3).

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Citation (search report)
See references of WO 2018233992A1

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